

10/067 675

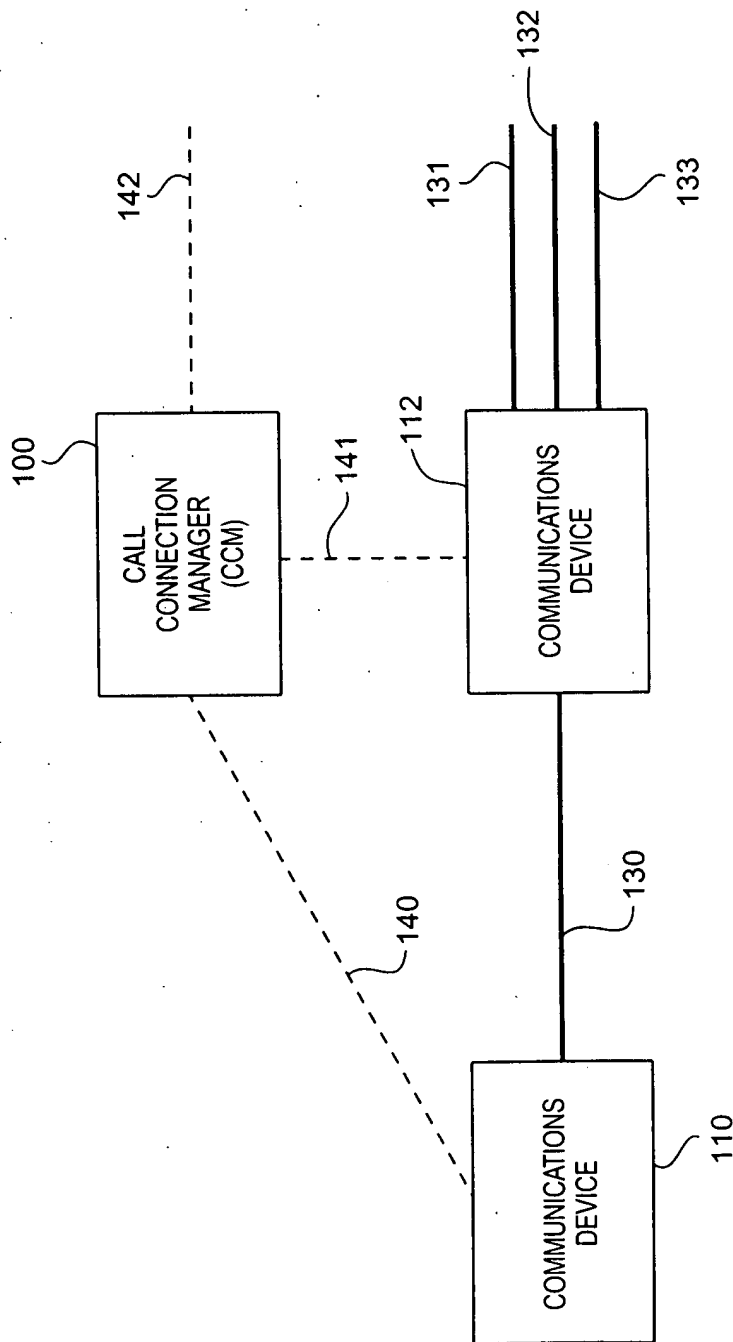


FIG. 1

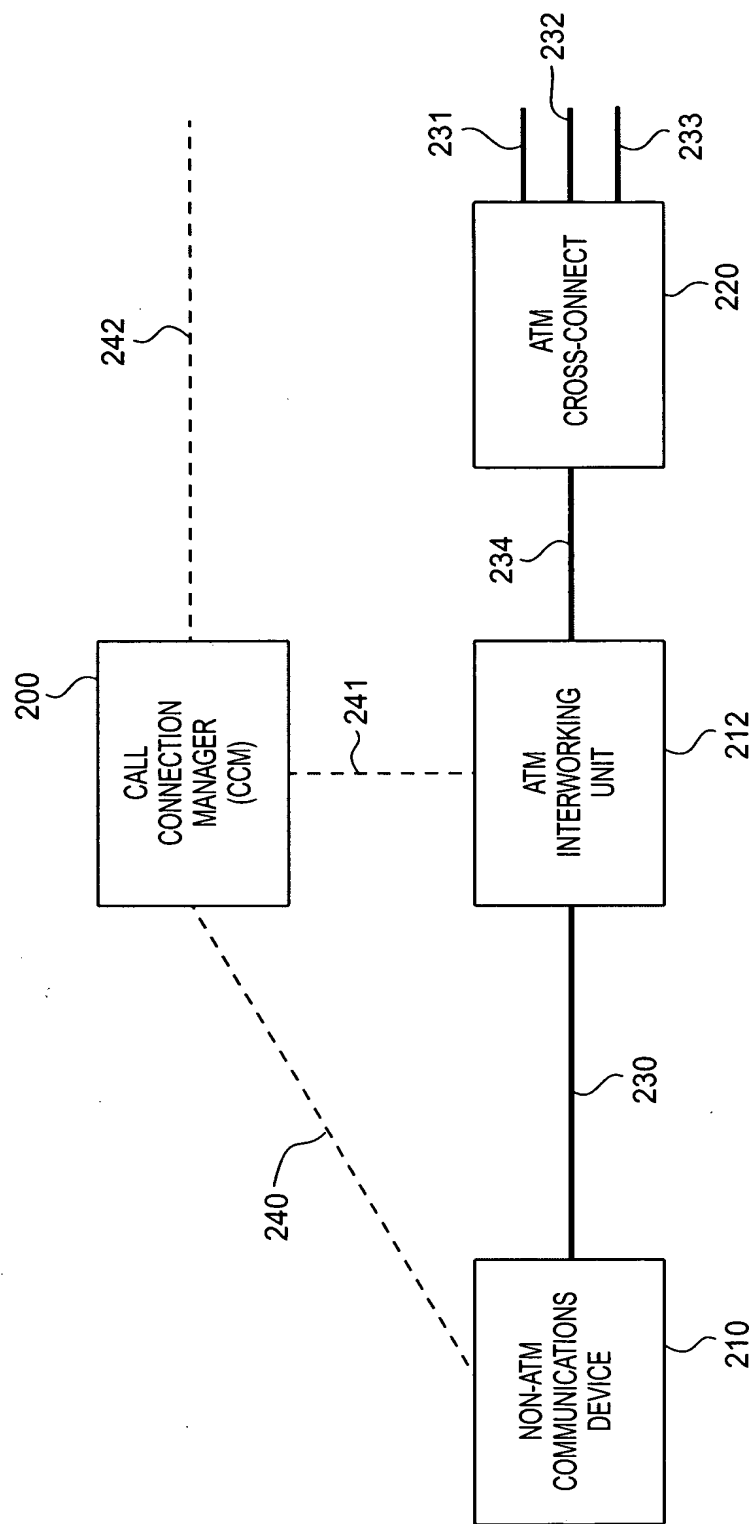
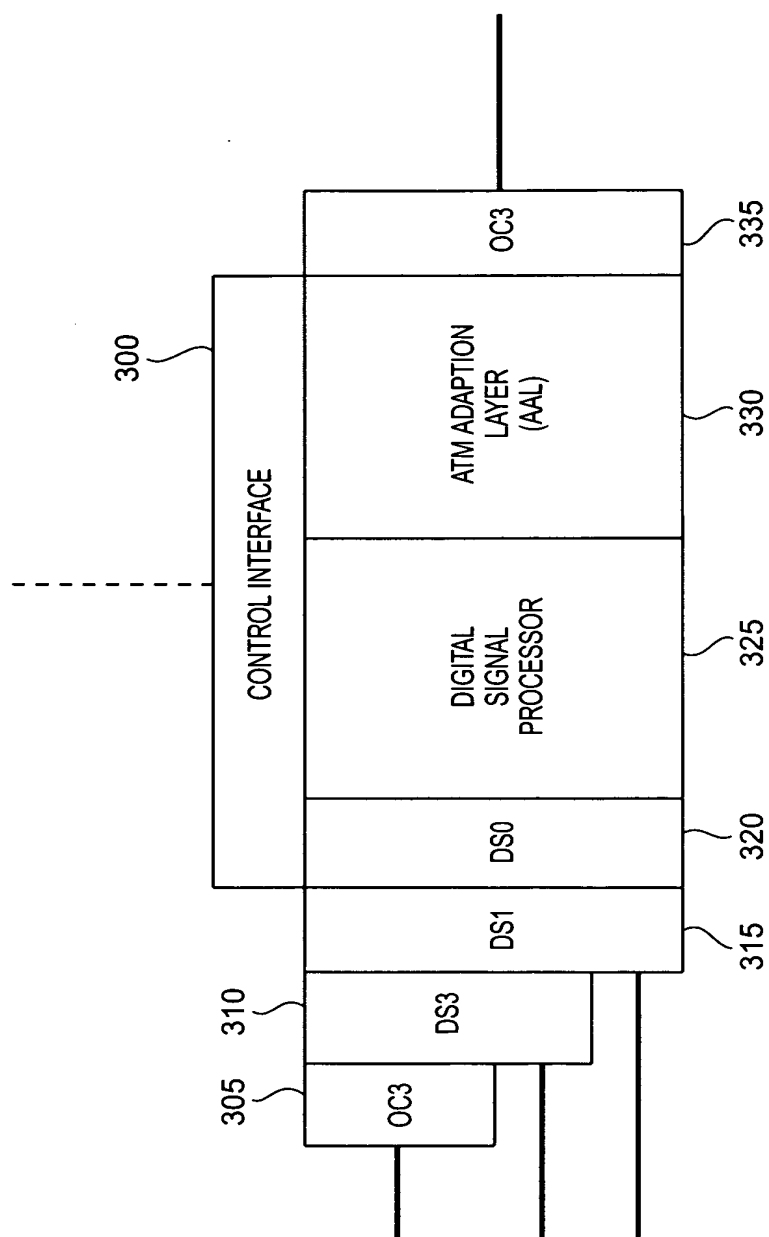


FIG. 2



**FIG. 3**

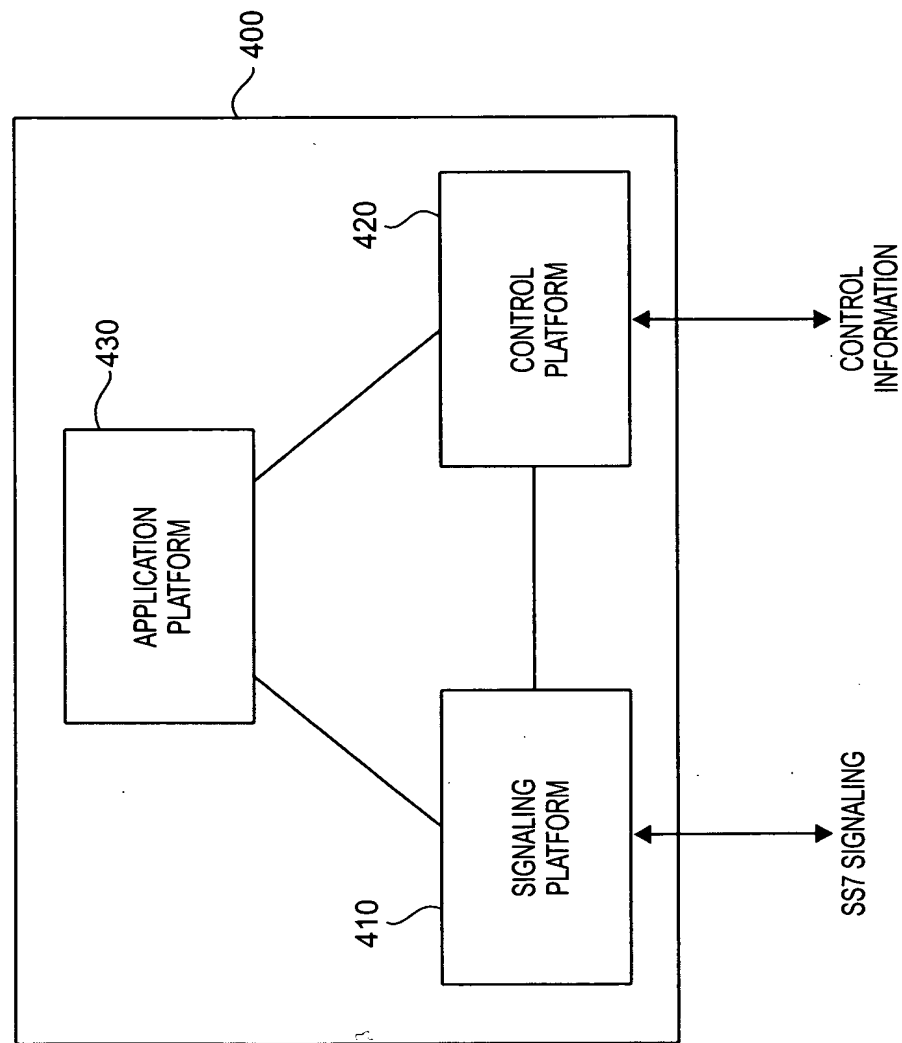


FIG. 4

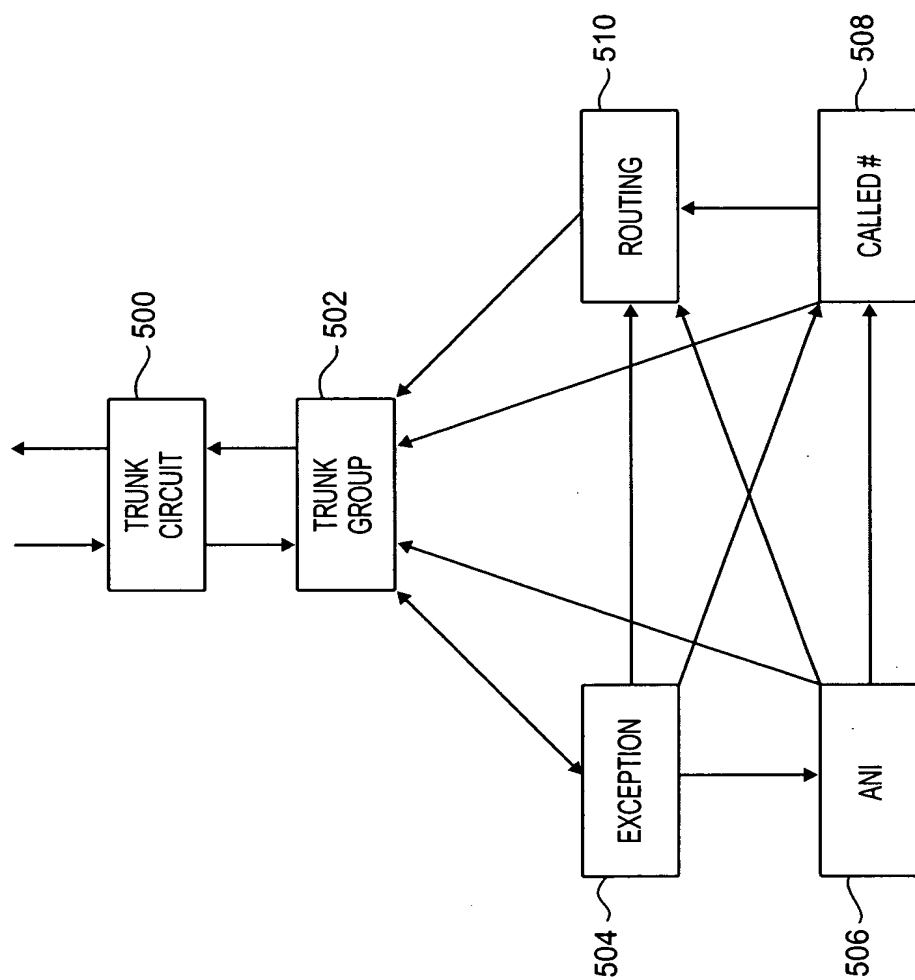
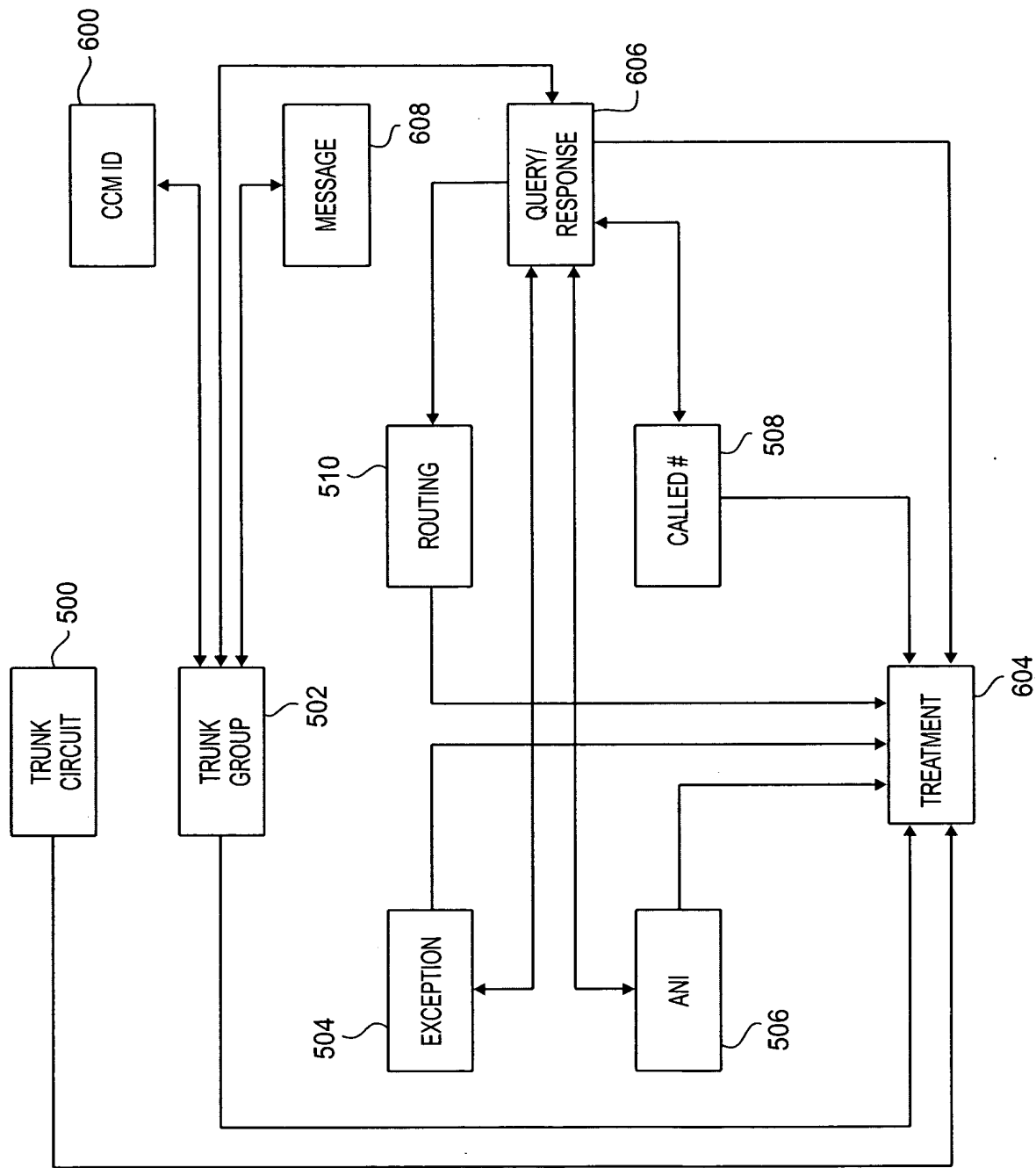


FIG. 5

FIG. 6



ASSOCIATED POINT CODE	CIC	VP	VC	TRUNK GROUP NUMBER	GROUP MEMBER NUMBER	HARDWARE IDENTIFIER	ECHO CANCELER	ECHO CONTROL	SATELLITE INDICATOR	CIRCUIT STATUS	CIRCUIT STATE	TIME/ DATE

FIG. 7

TRUNK GROUP NUMBER	GLARE RESOLUTION	CONTINUITY CONTROL	CLLI	SATELLITE TRUNK GROUP	SERVICE INDICATOR	ASSOCIATED NPA	SELECTION SEQUENCE	HOP COUNTER	ACC ACTIVE	OMI	NEXT FUNCTION	INDEX

FIG. 8

EXCEPTION TABLE INDEX	CARRIER SELECTION IDENTIFICATION	CARRIER IDENTIFICATION	CALLED PARTY			NEXT FUNCTION	INDEX
			NATURE OF ADDRESS	DIGITS FROM	DIGITS TO		

FIG. 9

ANI TABLE INDEX	CALLING PARTY CATEGORY	NATURE OF ADDRESS	CALLING PARTY/CHARGE NUMBER			ORIGINATING LINE INFORMATION	NEXT FUNCTION	NEXT INDEX
			DIGITS FROM	DIGITS TO	DATA			

FIG. 10

CALLED NUMBER TABLE INDEX	NATURE OF ADDRESS	DIGITS FROM	DIGITS TO	NEXT FUNCTION	NEXT INDEX

FIG. 11

ROUTING TABLE INDEX	TRANSIT NETWORK SELECTION			CIRCUIT CODE	NEXT FUNCTION #1	INDEX #1	NEXT FUNCTION #2	INDEX #2	NEXT FUNCTION #3	INDEX #3
	NETWORK IDENTIFICATION PLAN	DIGITS FROM	DIGITS TO							

FIG. 12

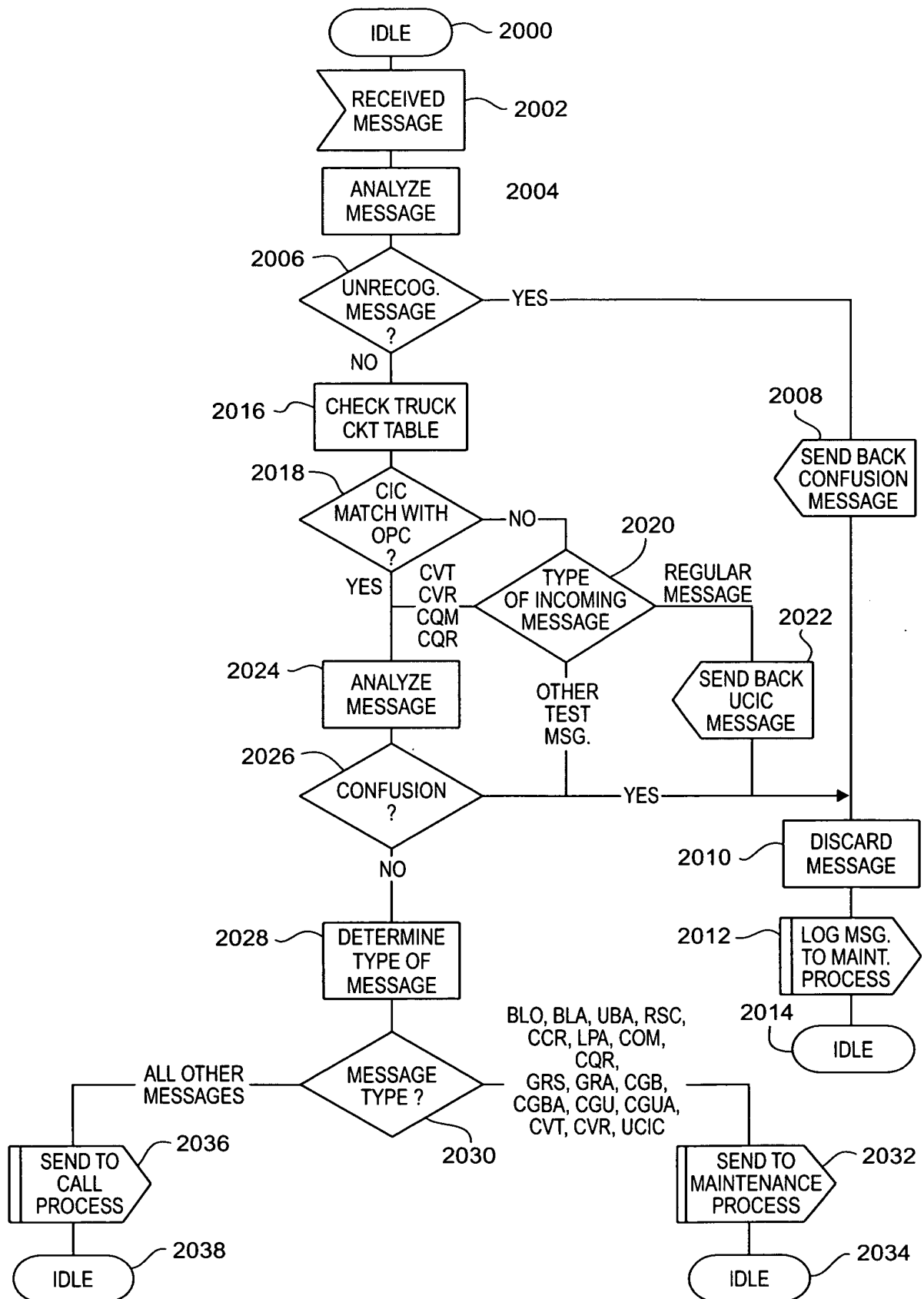
INDEX	MESSAGE RECEIVED CAUSE VALUE	GENERAL LOCATION	CODING STANDARD	CAUSE VALUE	NEXT FUNCTION	INDEX

FIG. 13



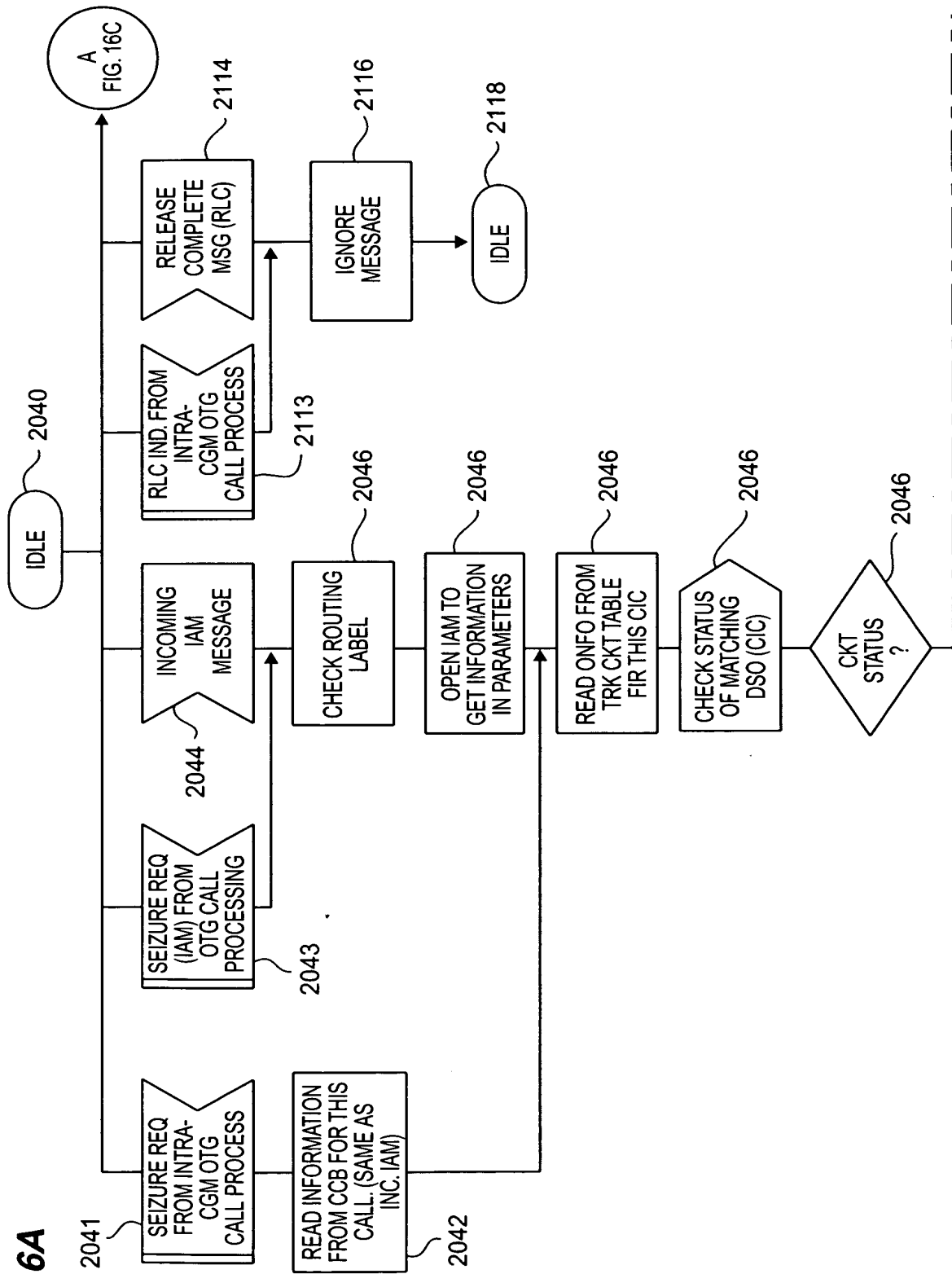
MESSAGE TYPE	PARAMETERS	INDEX #1	INDEX #...	INDEX #N
ADDRESS COMPLETE	BACKWARD CALL INDICATOR			
	ACCESS TRANSPORT			
	CAUSE INDICATOR			
	OPTIONAL BACKWARD CALL INDICATORS			
	OPTIONAL "FE" INDICATOR			
ANSWER	ACCESS TRANSPORT			
	BACKWARD CALL INDICATOR			
CALL PROGRESS	EVENT INFORMATION			
	BACKWARD CALL INDICATOR			
	ACCESS TRANSPORT			
	CAUSE INDICATOR			
	OPTIONAL BACKWARD CALL INDICATOR			
CIRCUIT RESERVATION	NATURE OF CONNECTION INDICATOR			
CIRCUIT RESERVATION ACK	N/A			
CONFUSION	N/A			
CONTINUITY	CONTINUITY INDICATOR			
EXIT	OUTGOING TRUNK GROUP NUMBER			
INFORMATION	ALL PARAMETERS			
INFORMATION REQUEST	ALL PARAMETERS			
INITIAL ADDRESS	NATURE OF CONNECTION INDICATOR			
	FORWARD CALL INDICATOR			
	CALLING PARTY'S CATEGORY			
	USER SERVICE NUMBER			
	CALLED PARTY NUMBER			
	ACCESS TRANSPORT			
	CALLING PARTY NUMBER			
	CARRIER IDENTIFICATION			
	CARRIER SELECTION INFORMATION			
	CHARGE NUMBER			
	GENERIC ADDRESS			
	ORIGINATING LINE INFORMATION			
	ORIGINAL CALLED NUMBER			
	REDIRECTING NUMBER			
	SERVICE CODE			
	TRANSIT NETWORK SELECTION			
	HOP COUNTER			
PASS ALONG	ALL PARAMETERS			
RELEASE	CAUSE INDICATOR			
	ACCESS TRANSPORT			
	AUTOMATIC CONGESTION CONTROL			
RELEASE COMPLETE	N/A			
RESUME	SUSPEND/RESUME INDICATOR			
SUSPEND	SUSPEND/RESUME INDICATOR			

**FIG. 14**



**FIG. 15**

FIG. 16A



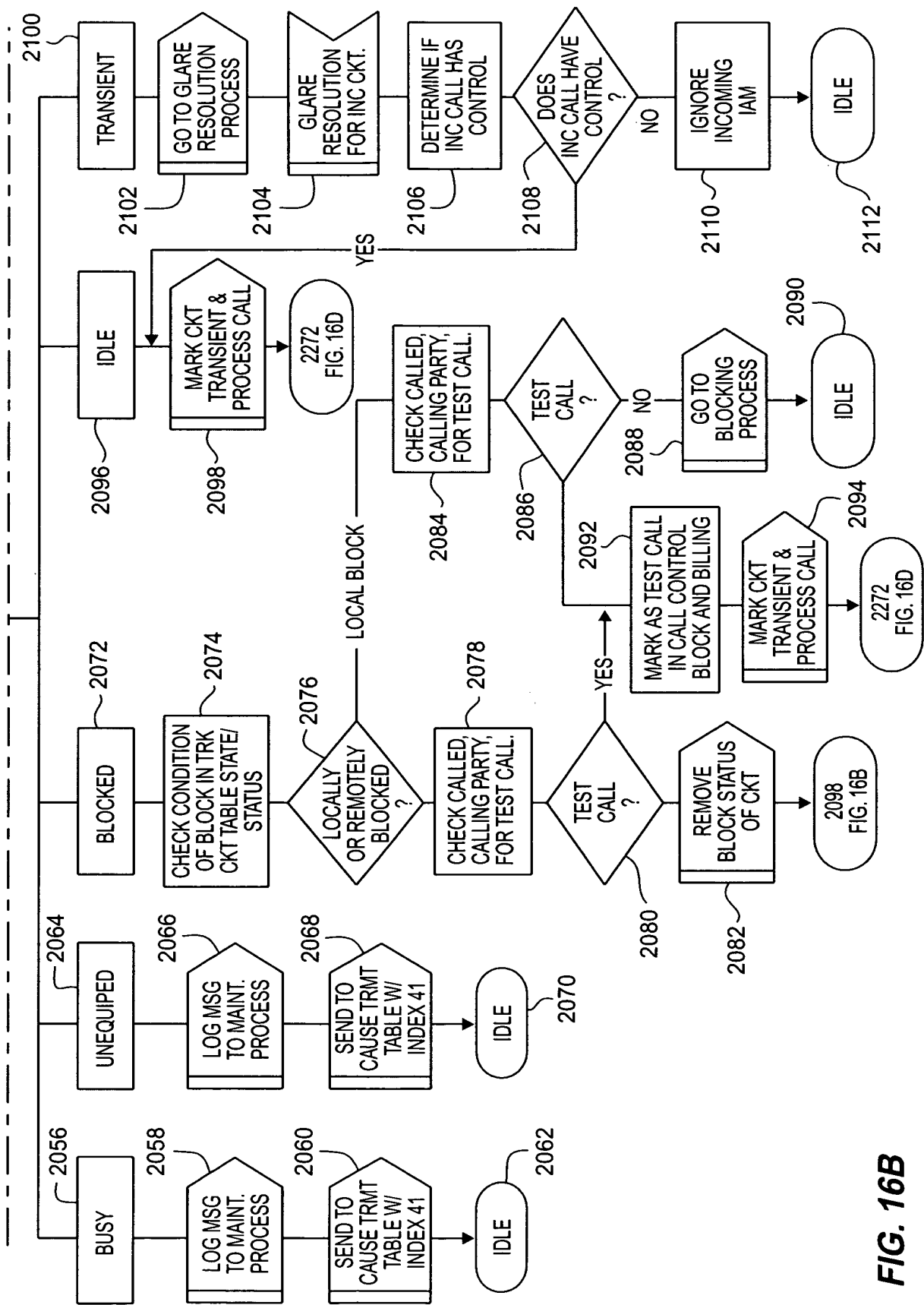
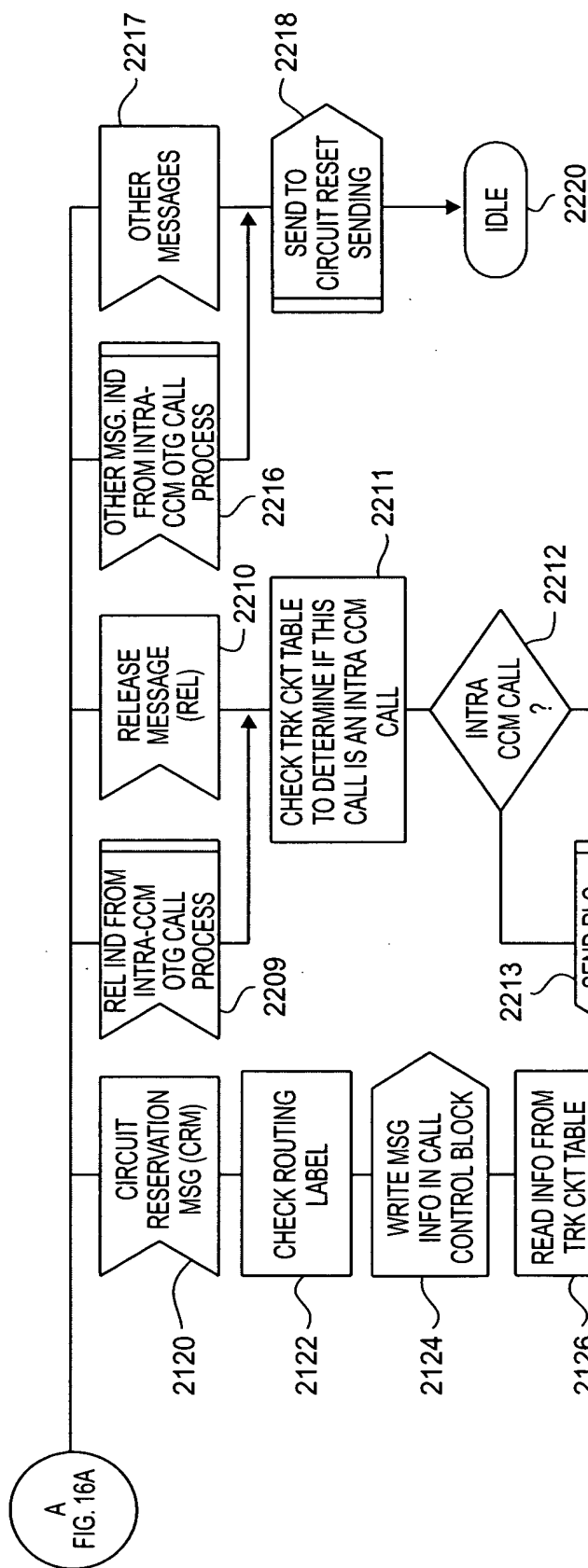
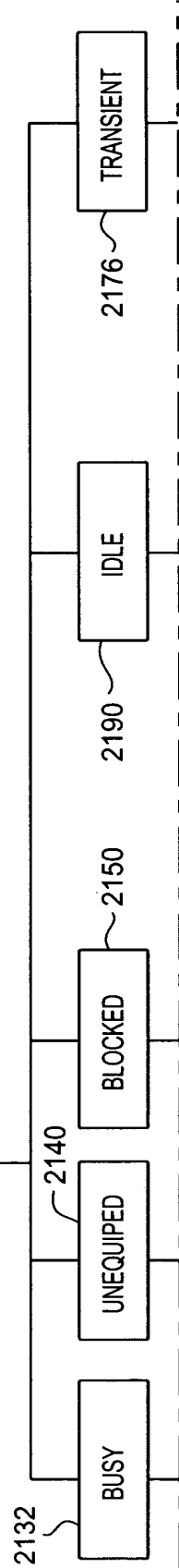


FIG. 16B



**FIG. 16C**



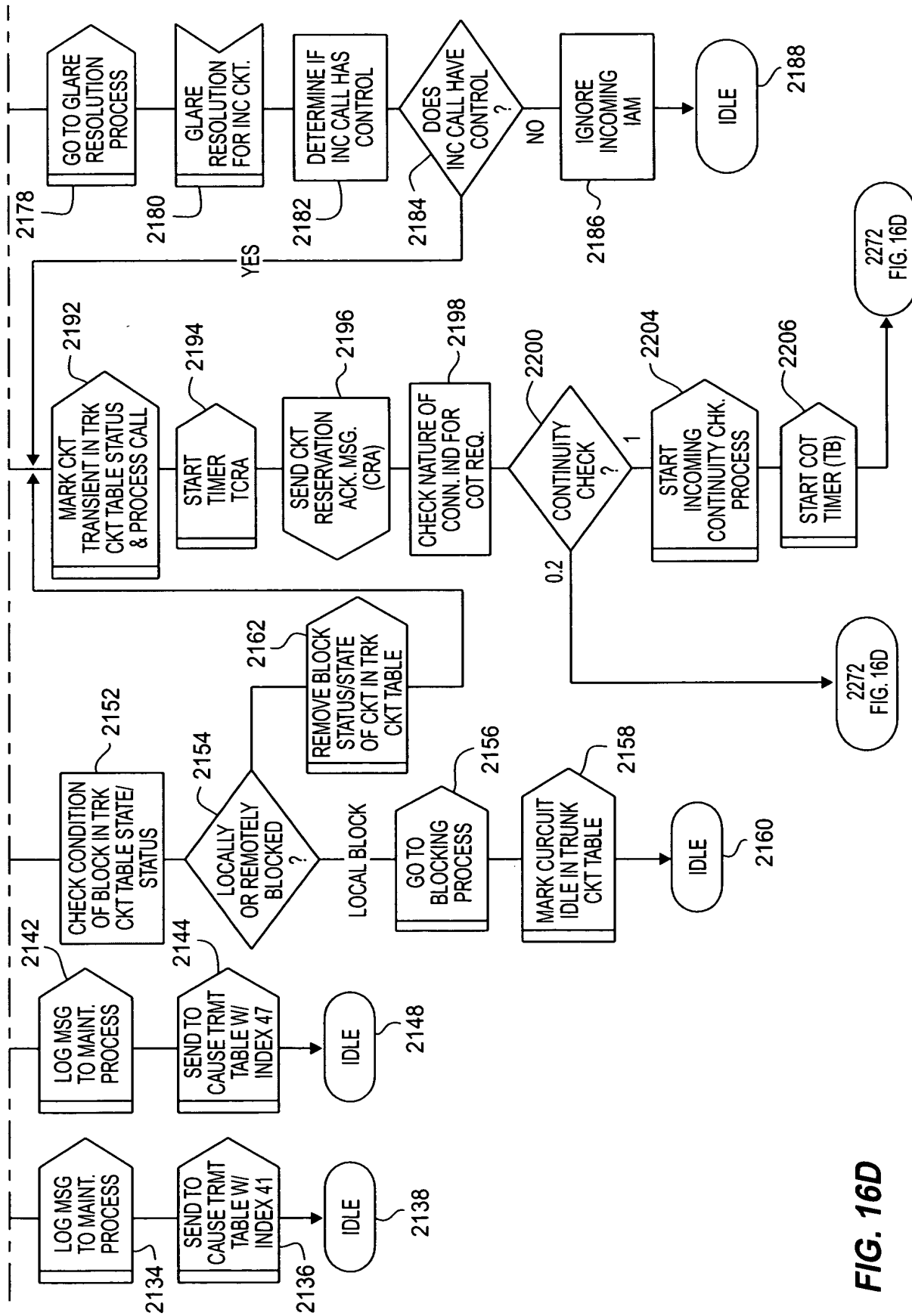


FIG. 16D



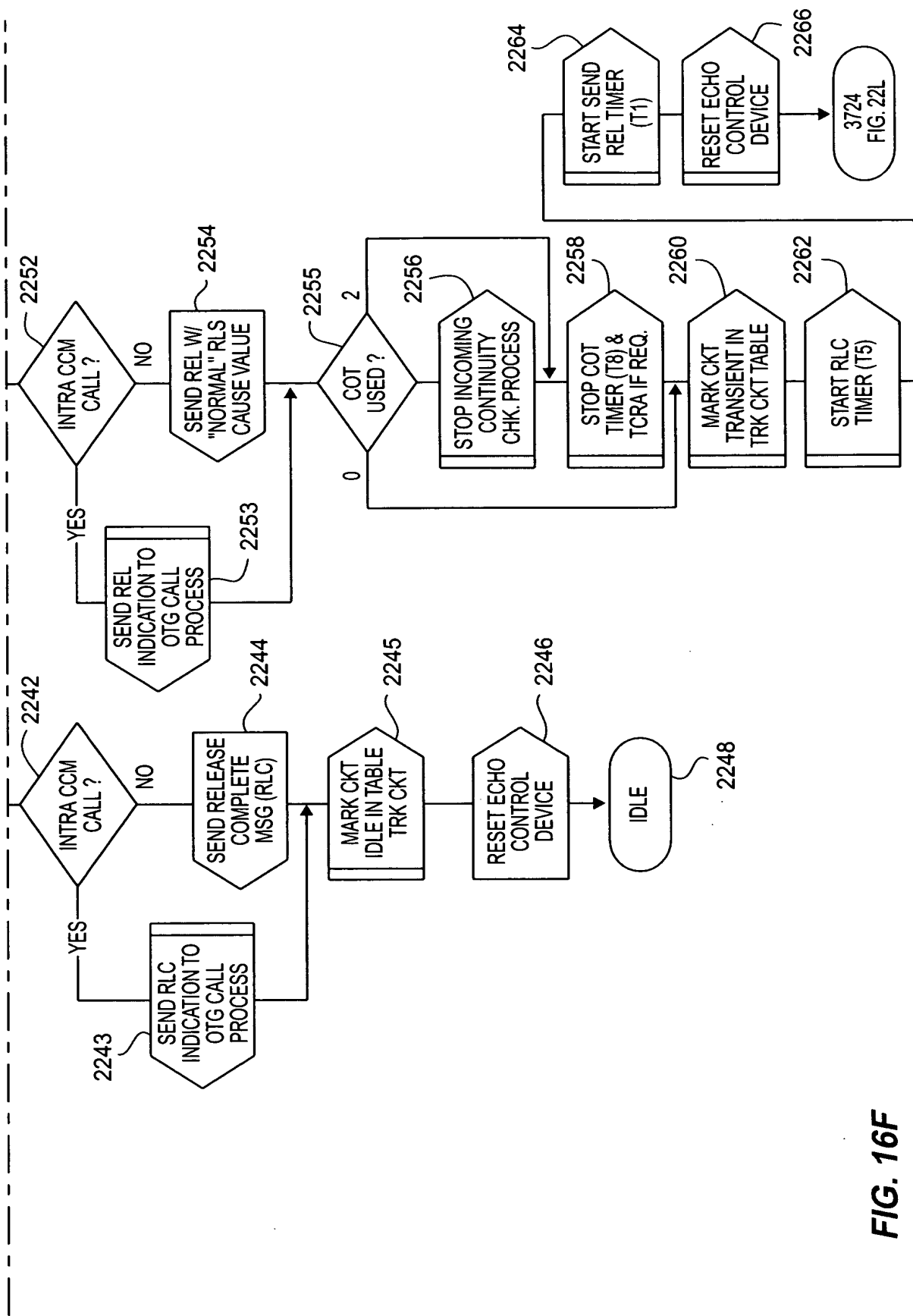
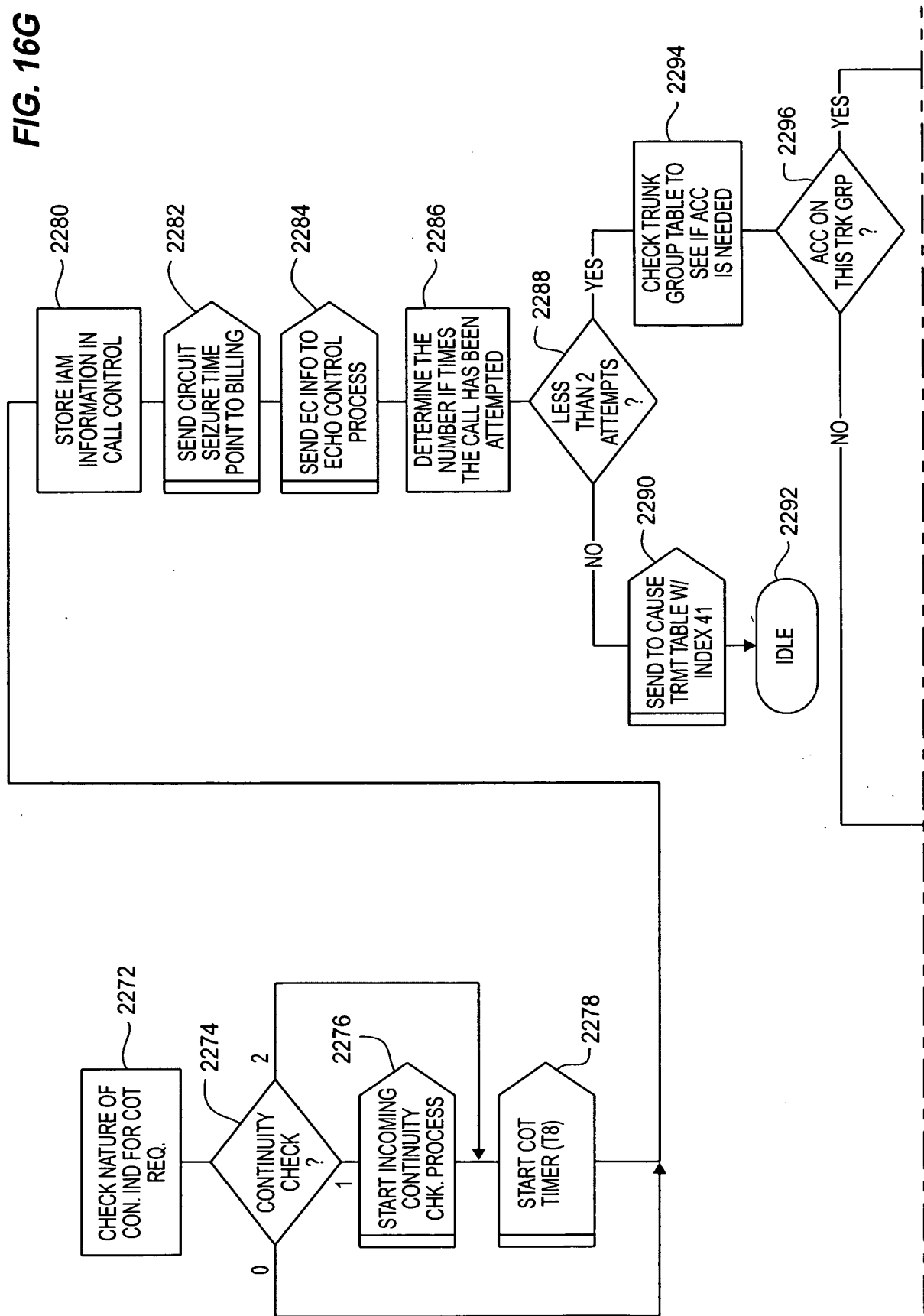


FIG. 16F



FIG. 16G



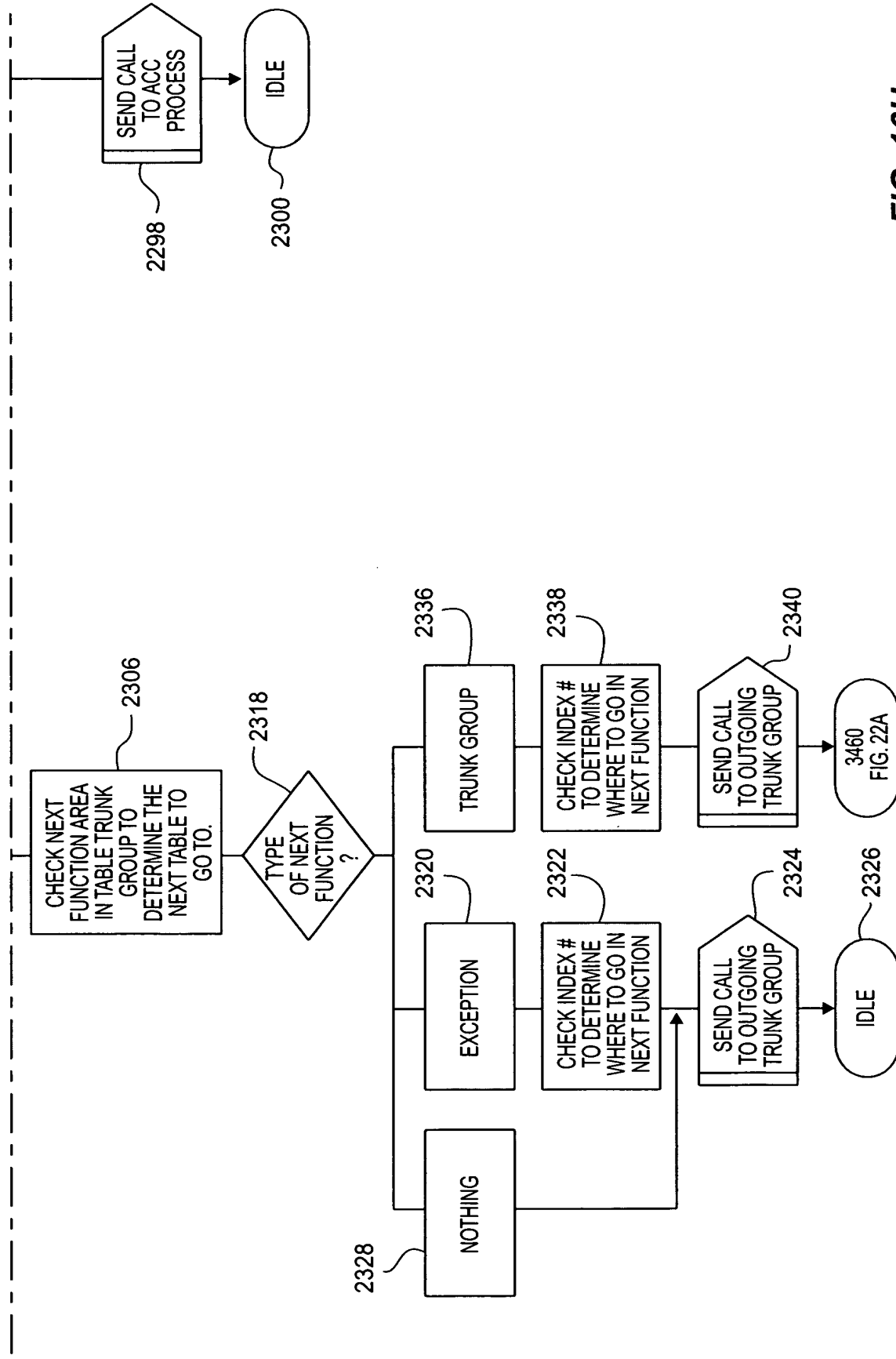
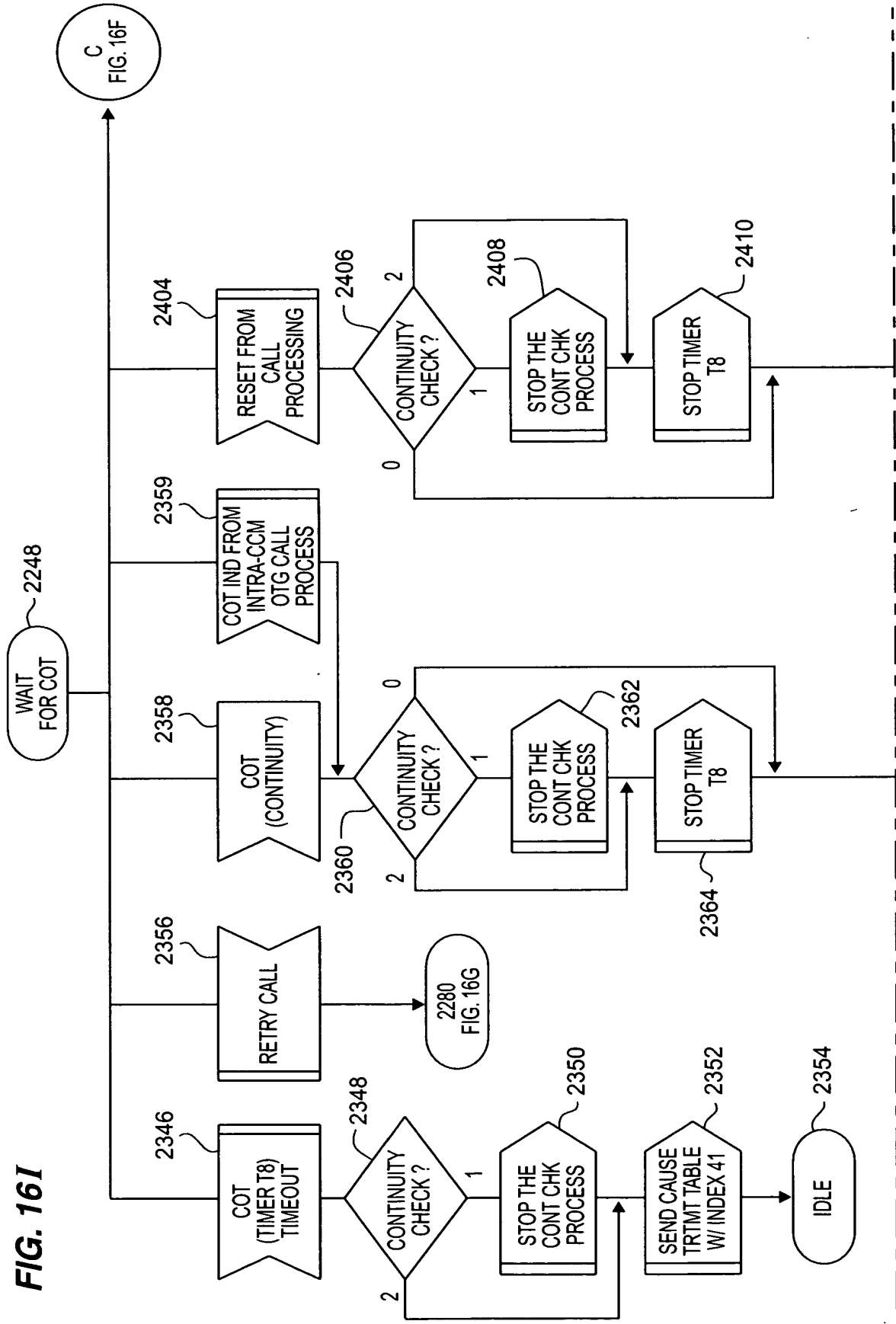


FIG. 16H

**FIG. 16I**



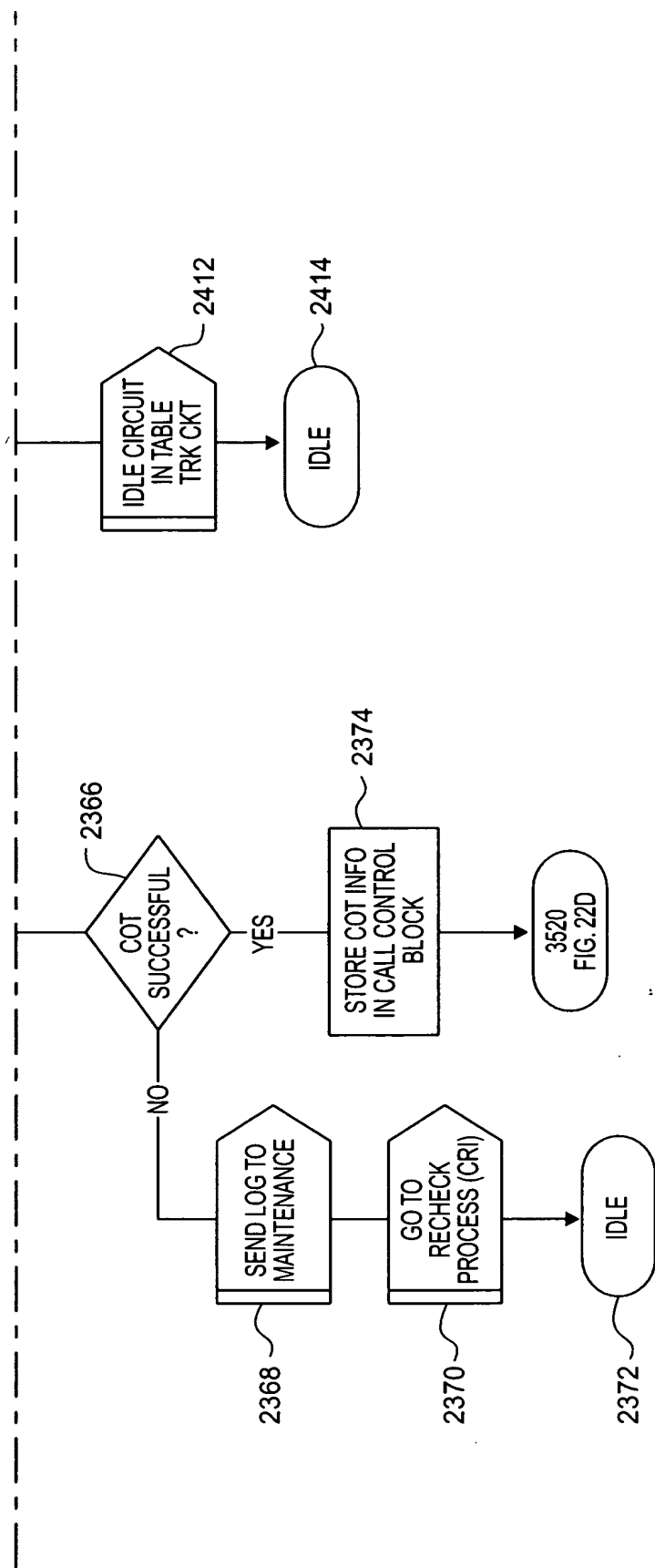
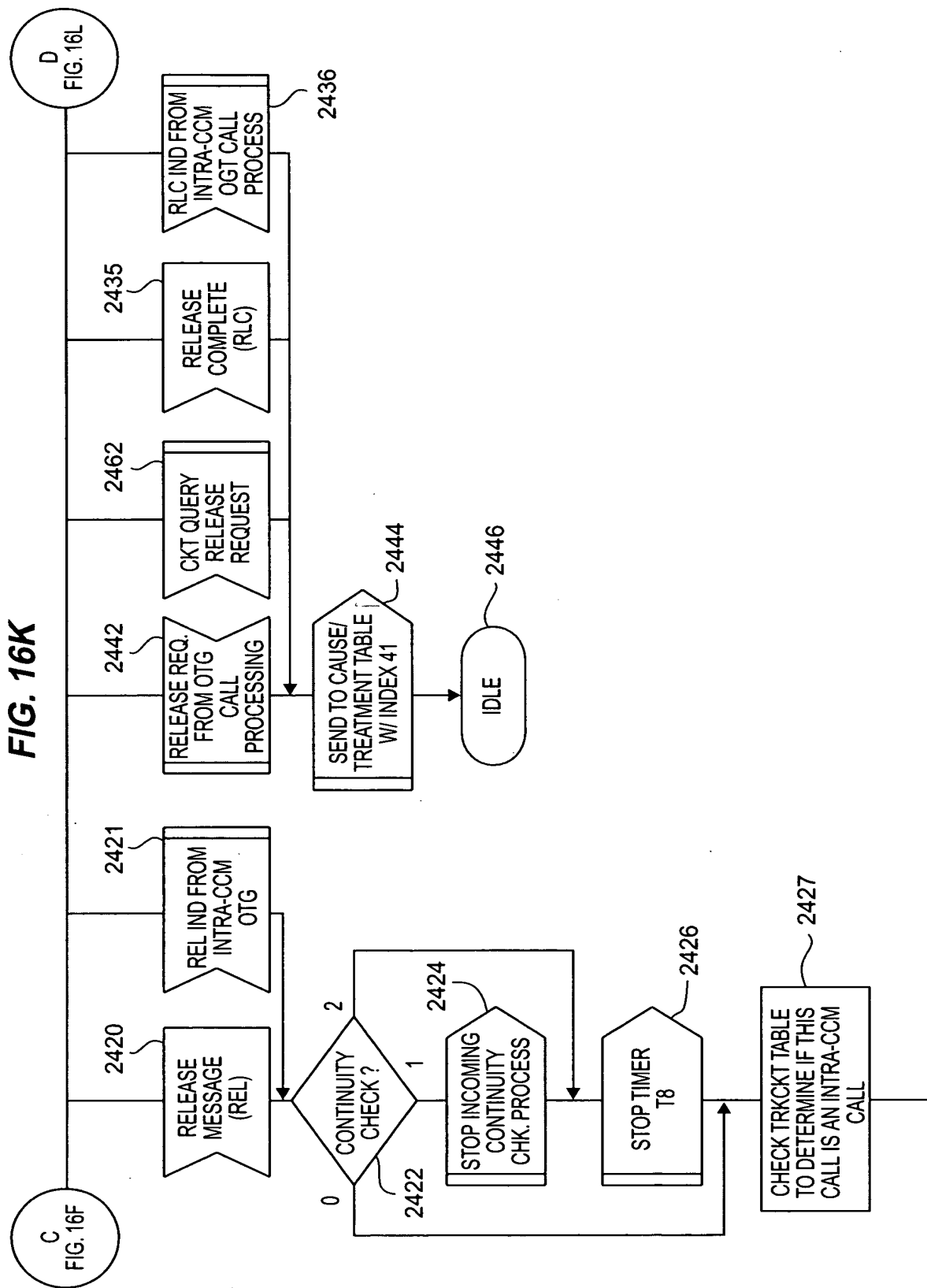


FIG. 16J

FIG. 16K



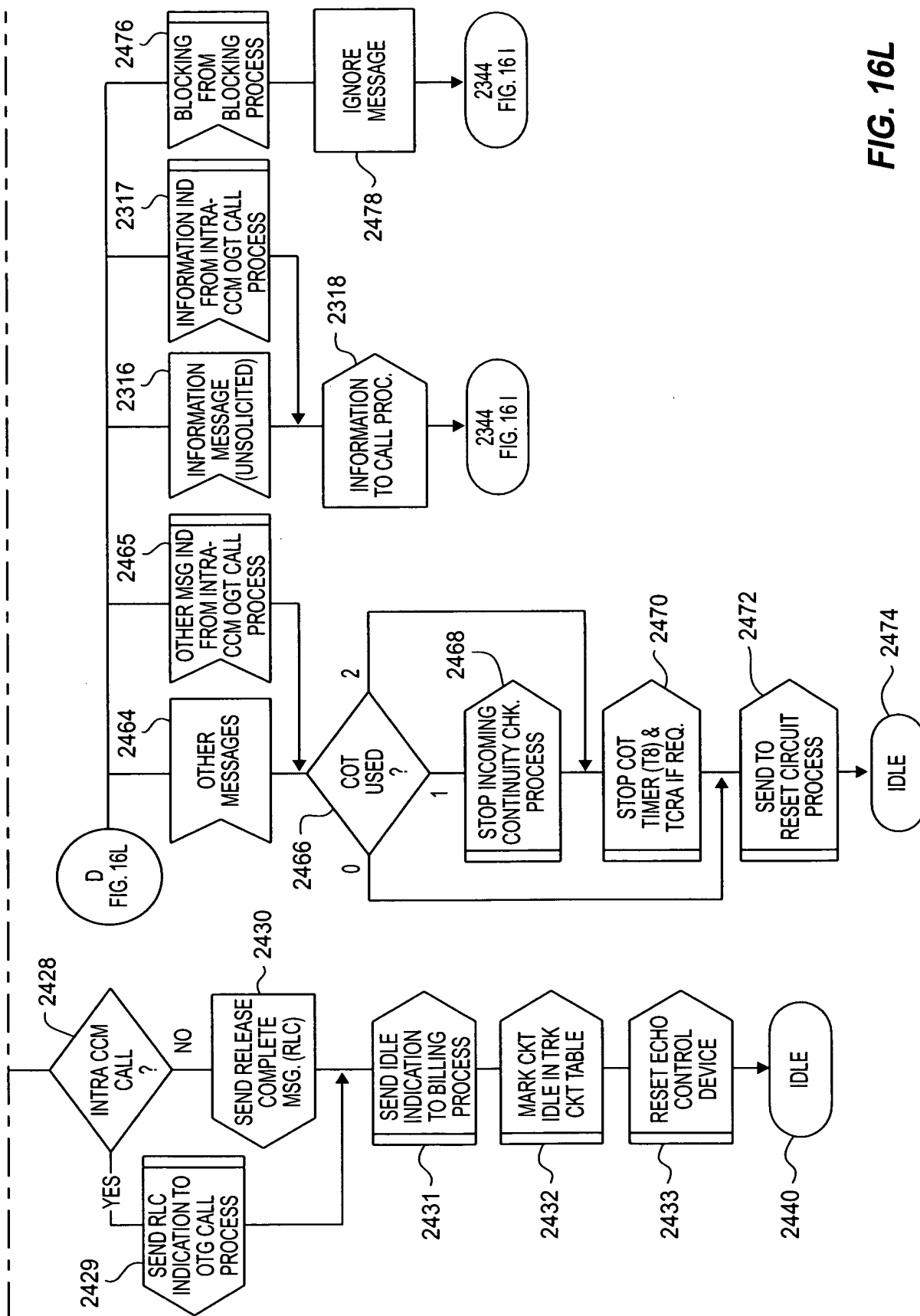
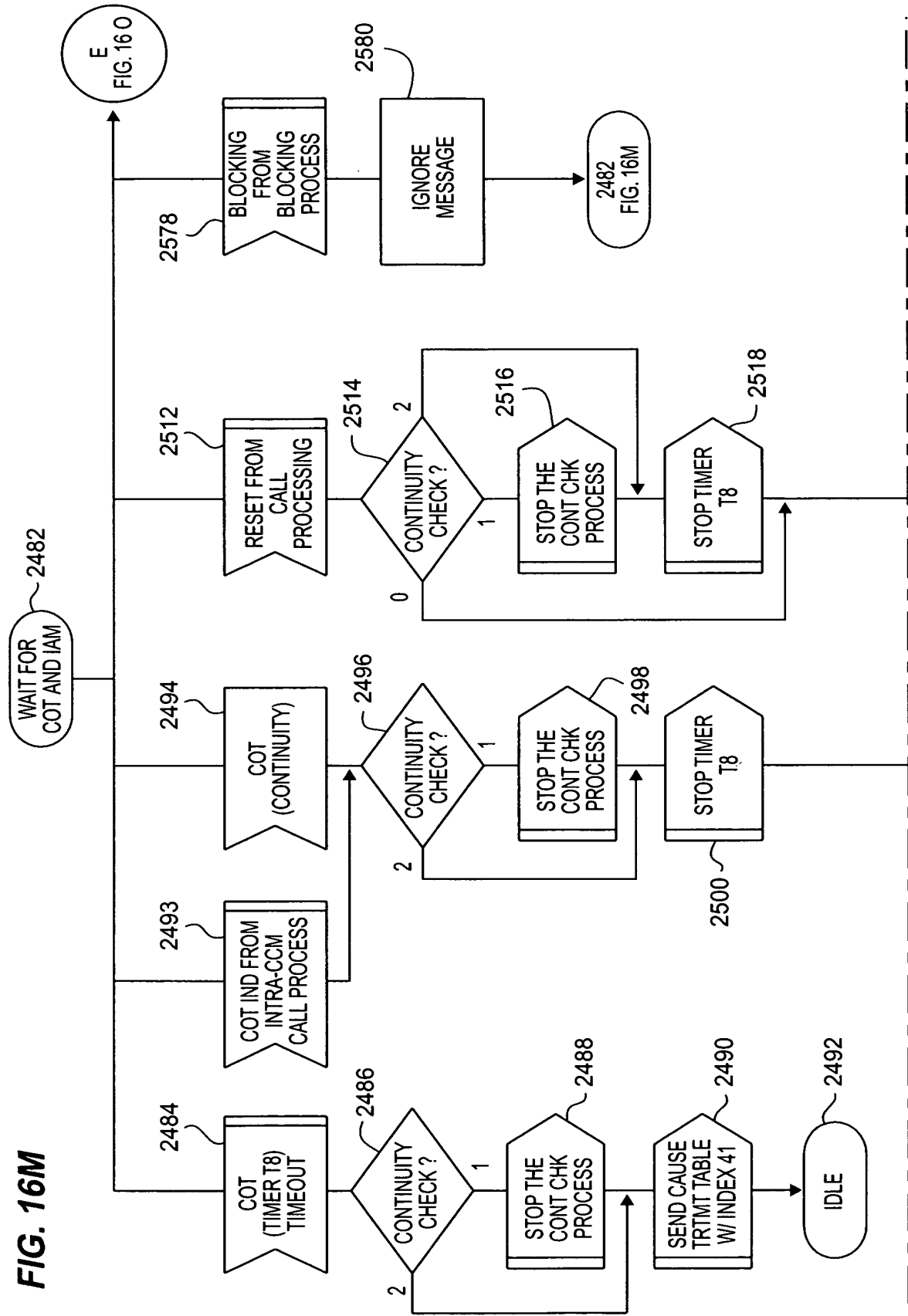


FIG. 16M



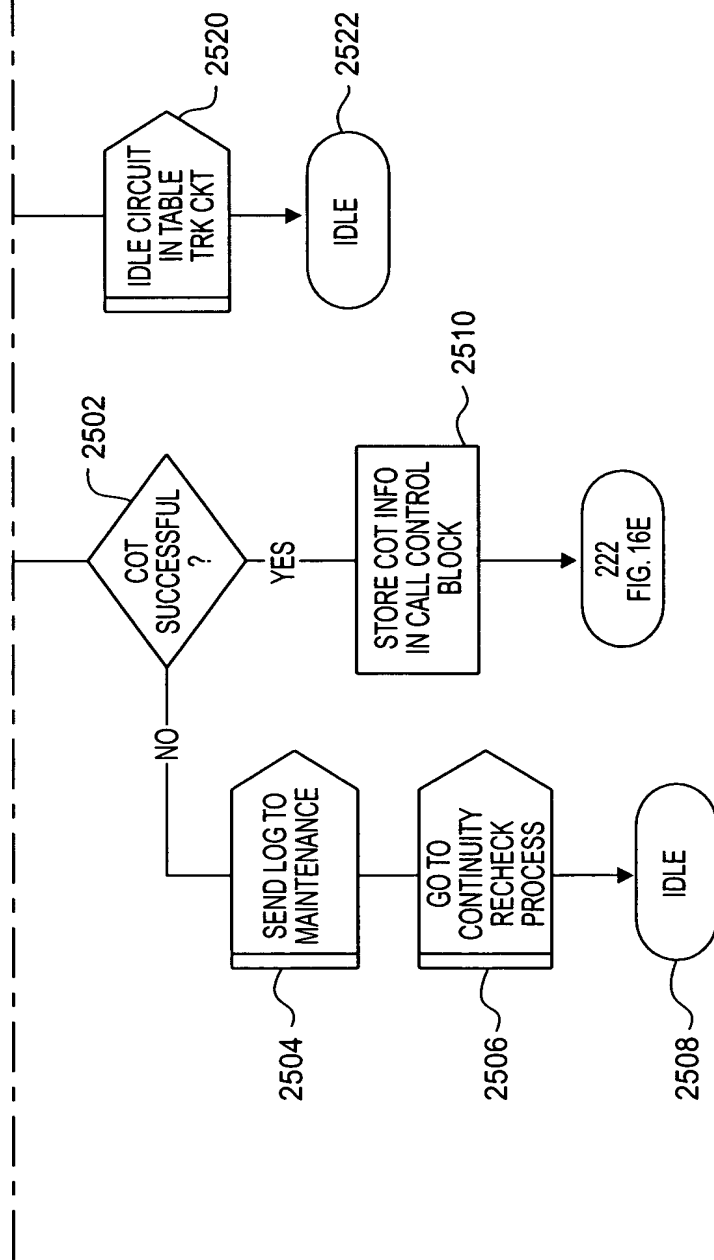
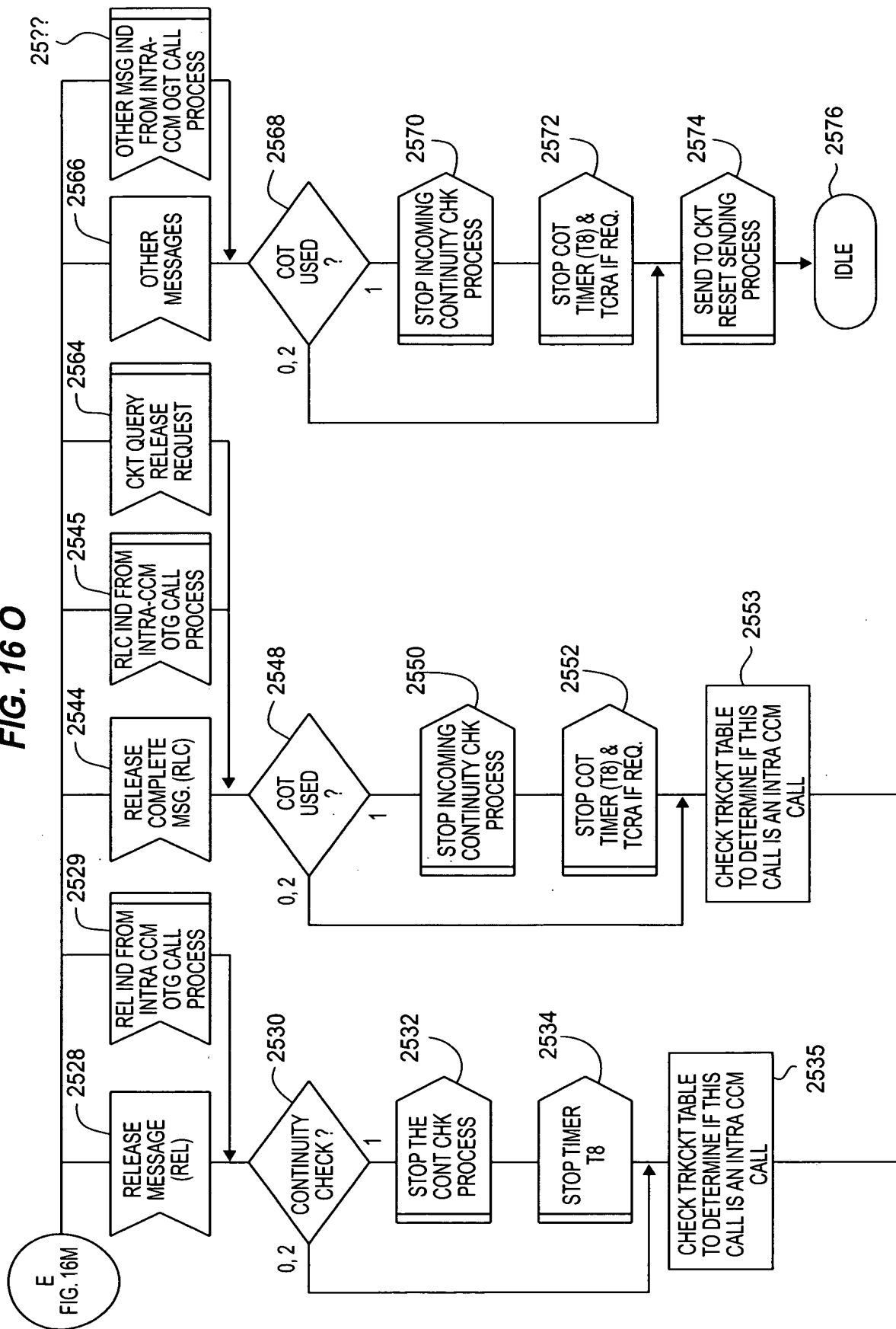


FIG. 16N



FIG. 16 O



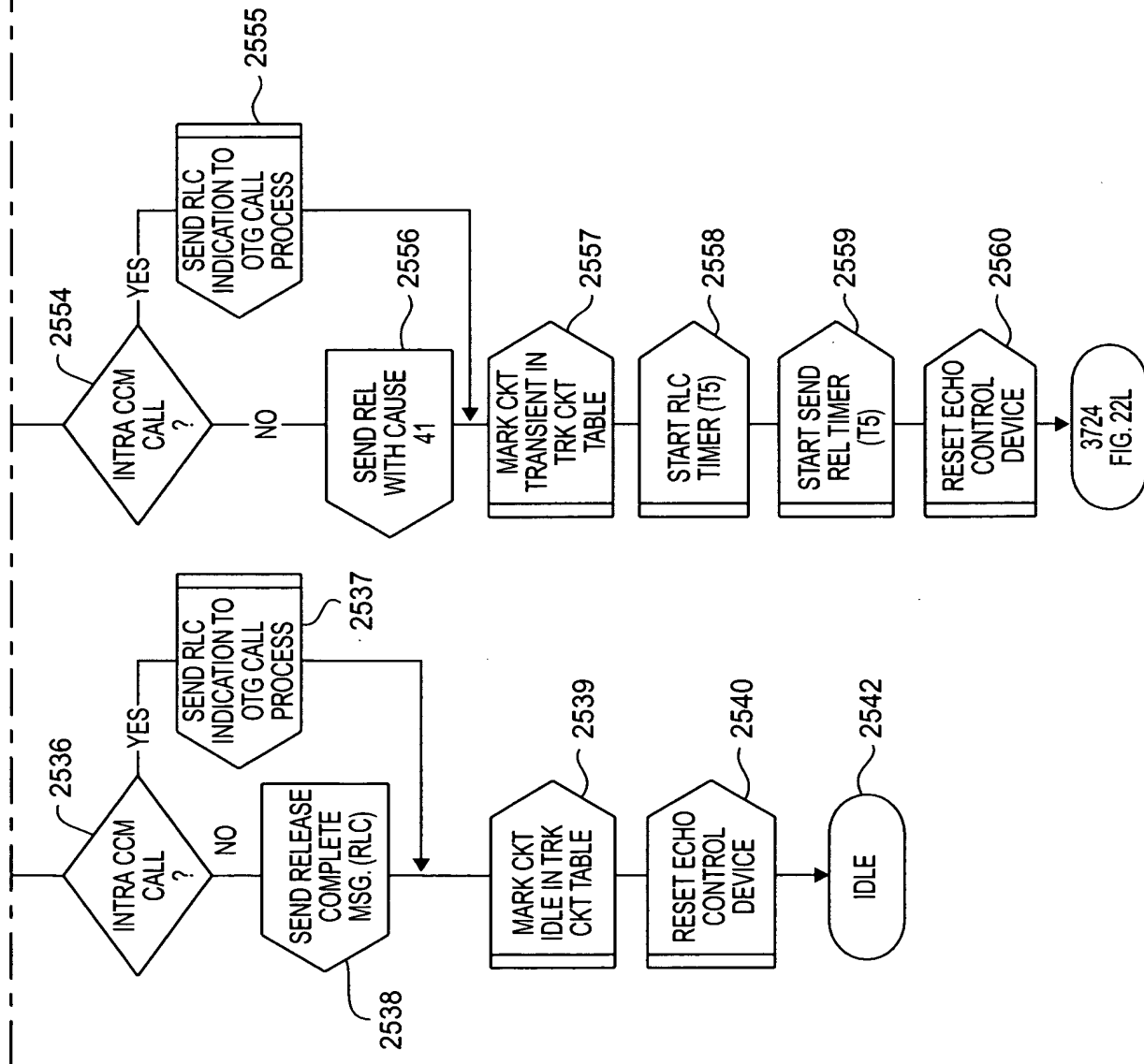
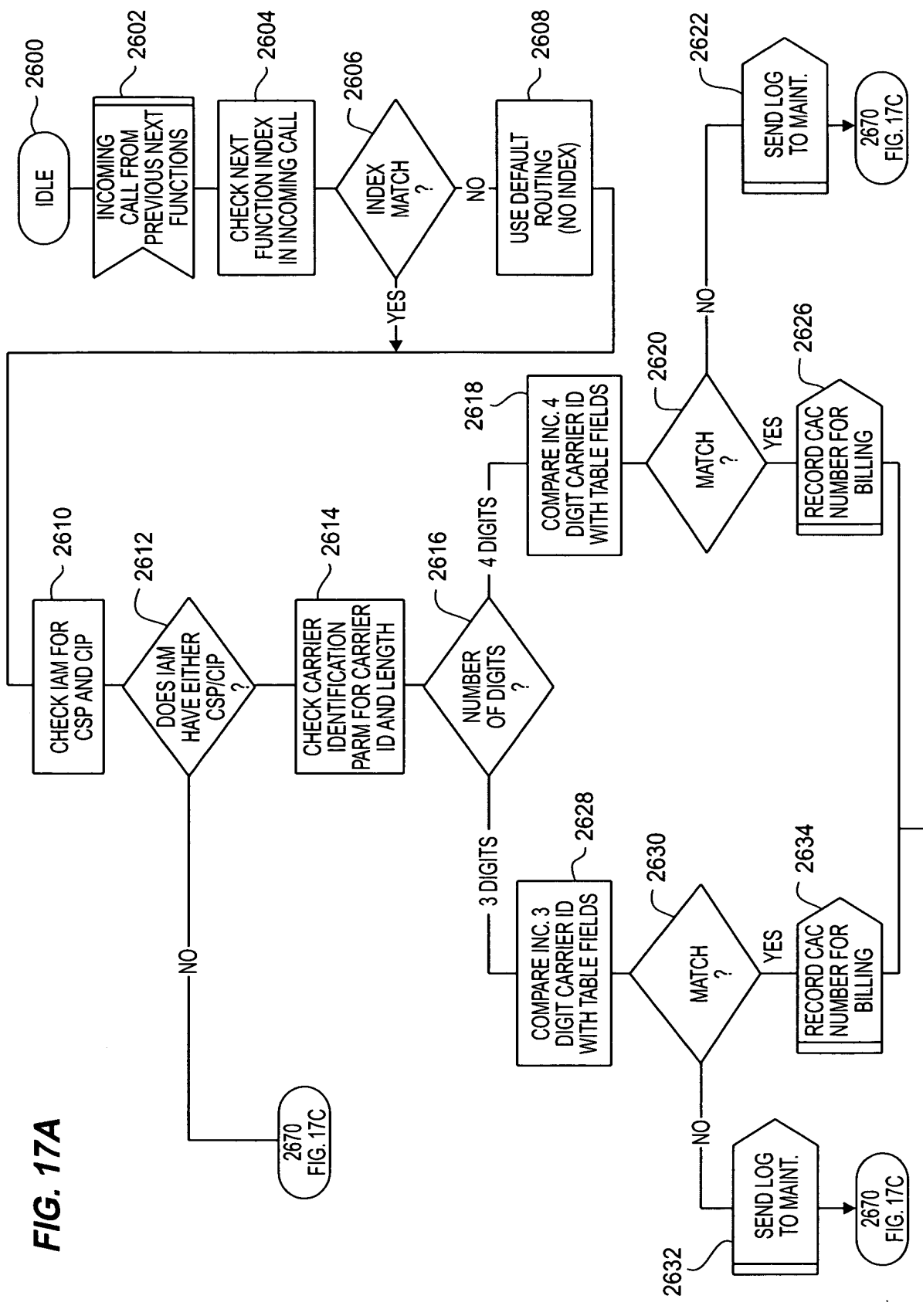


FIG. 16P

FIG. 17A



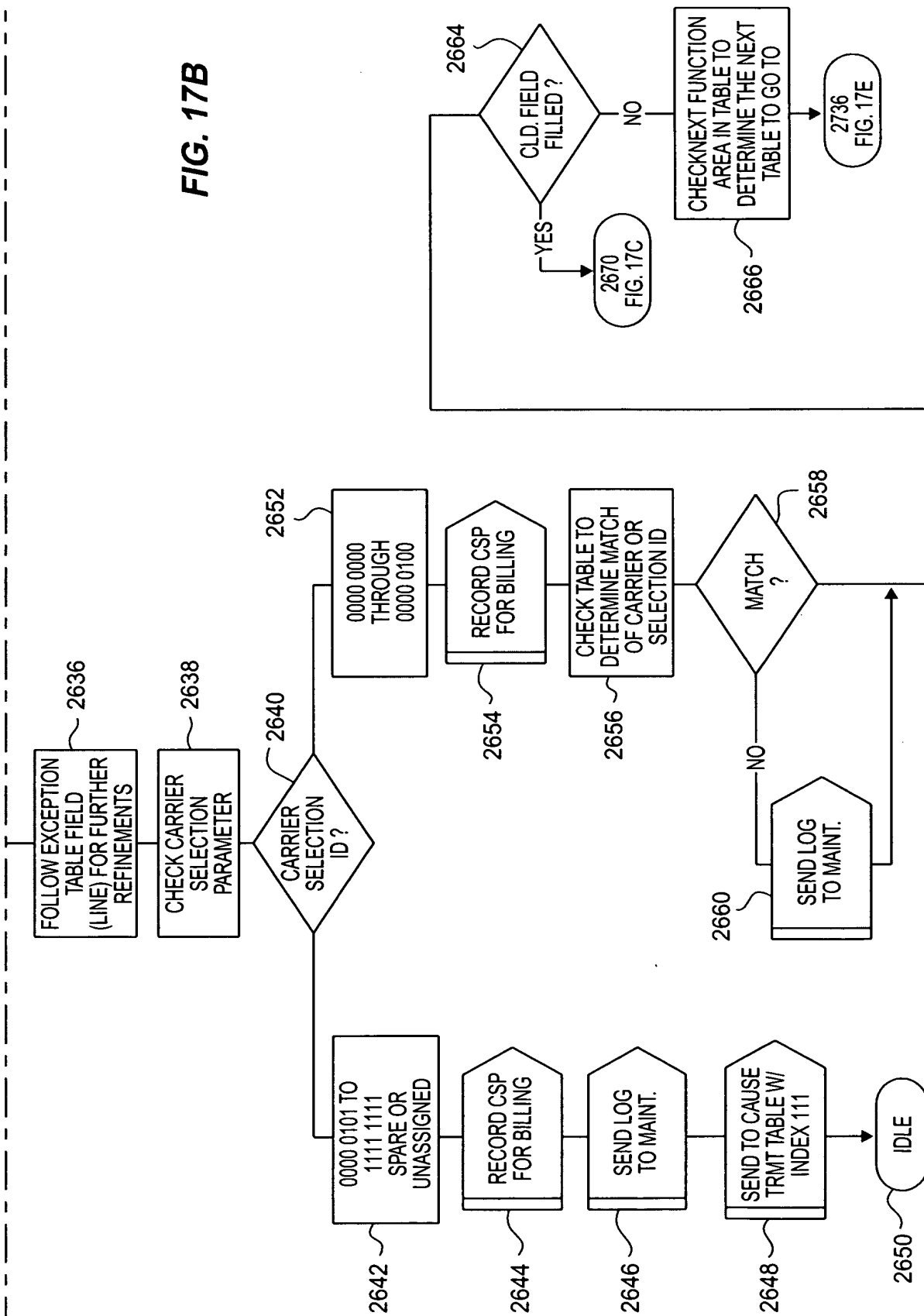
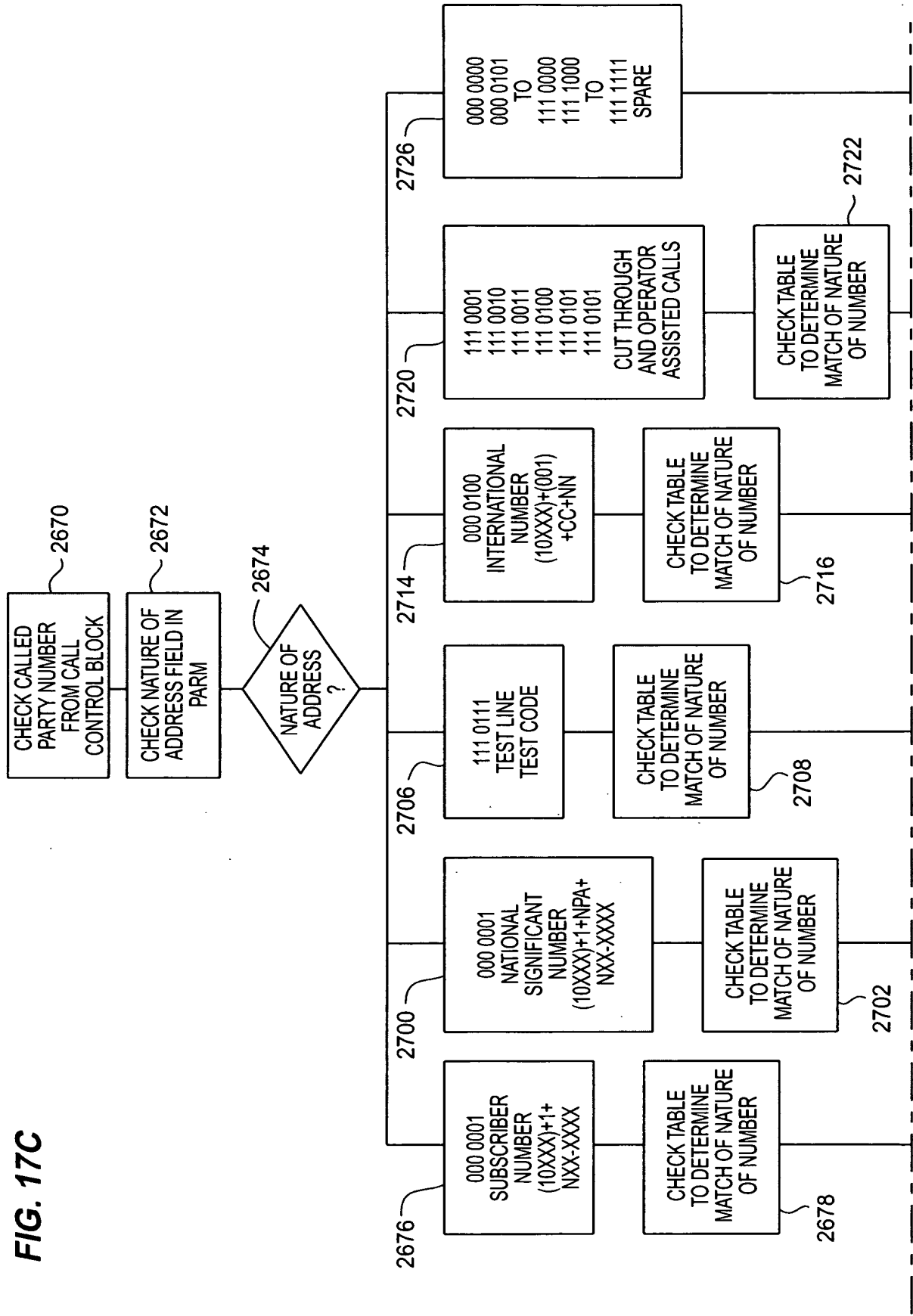


FIG. 17C



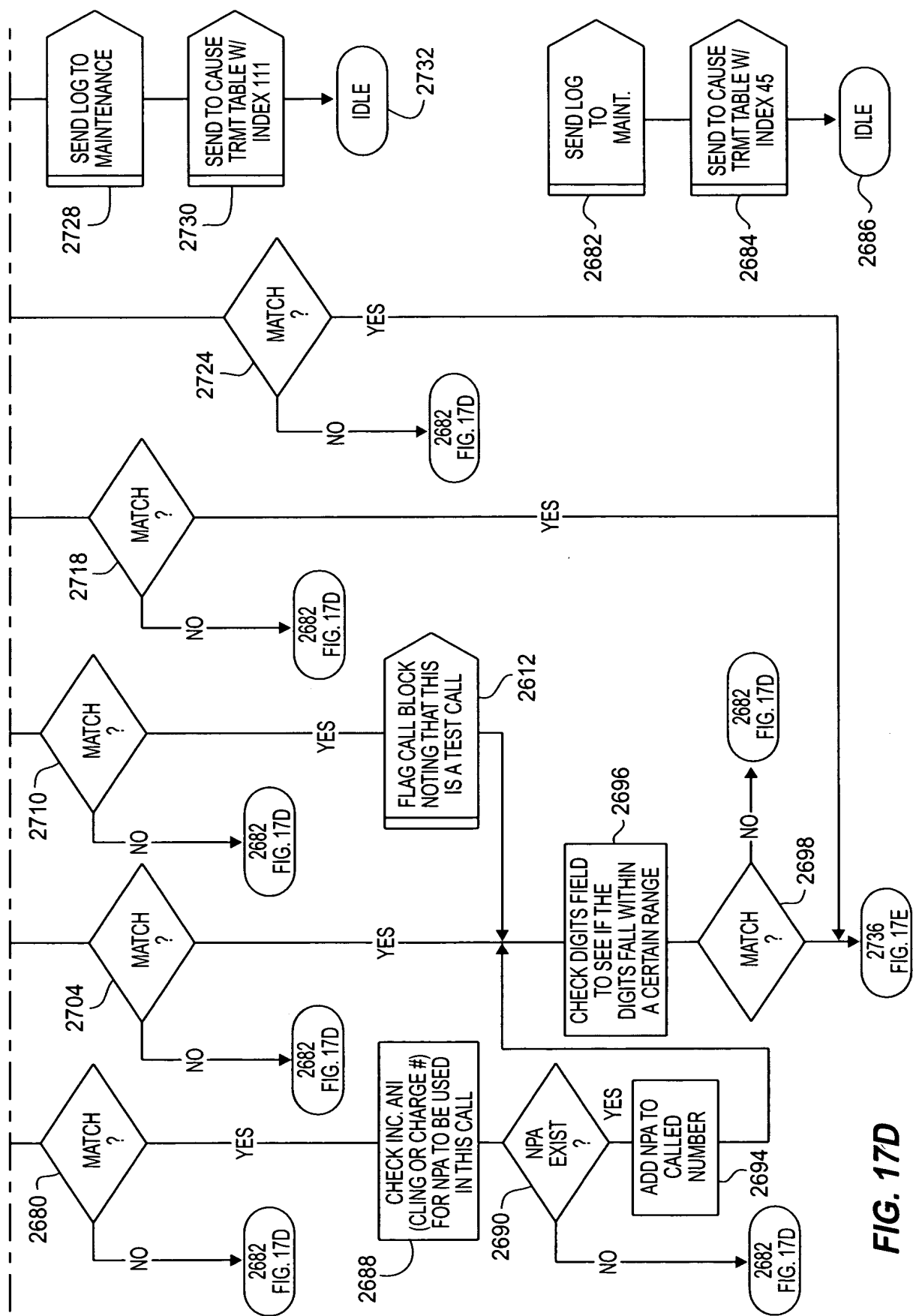


FIG. 17D

FIG. 17E

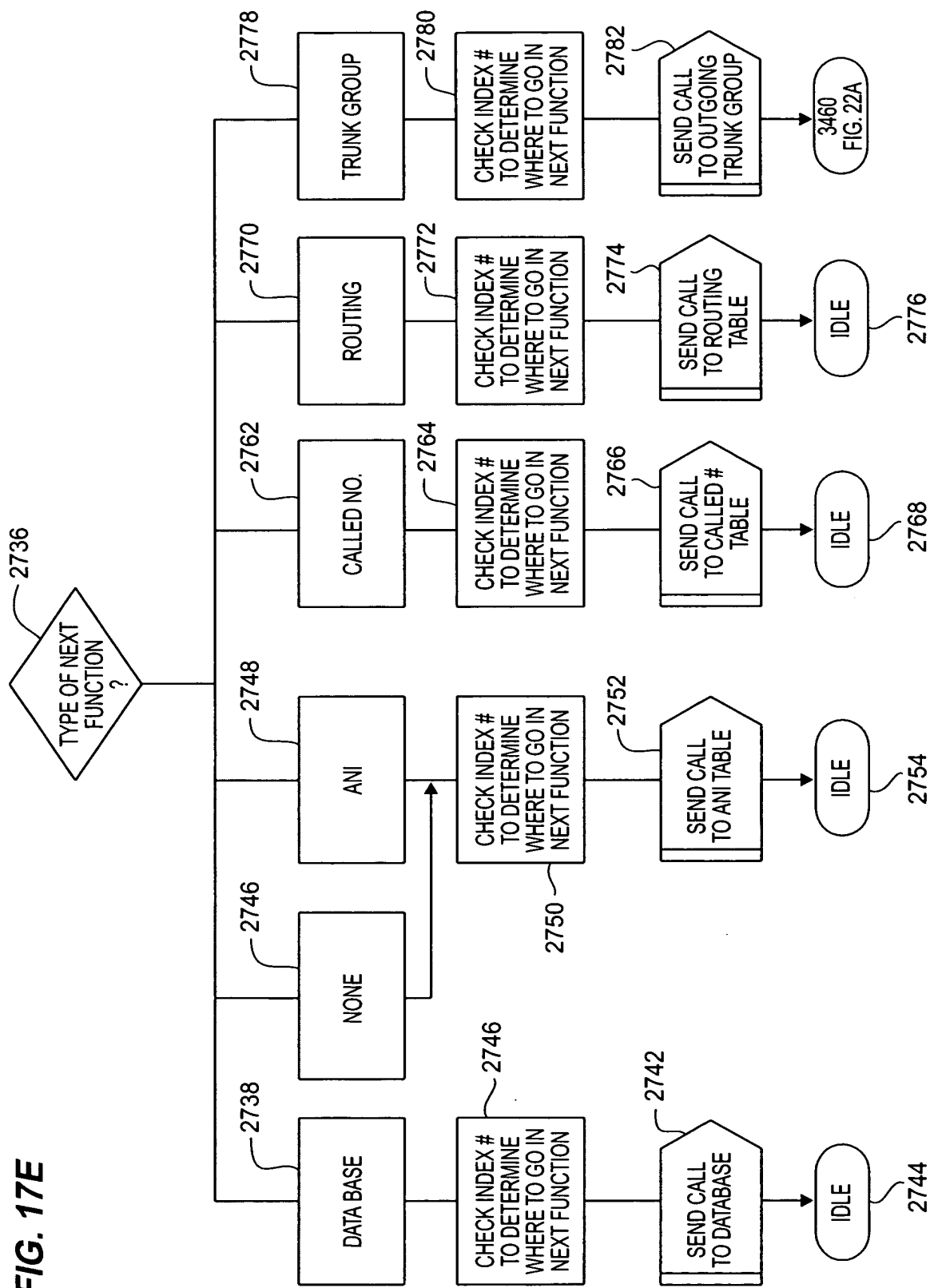
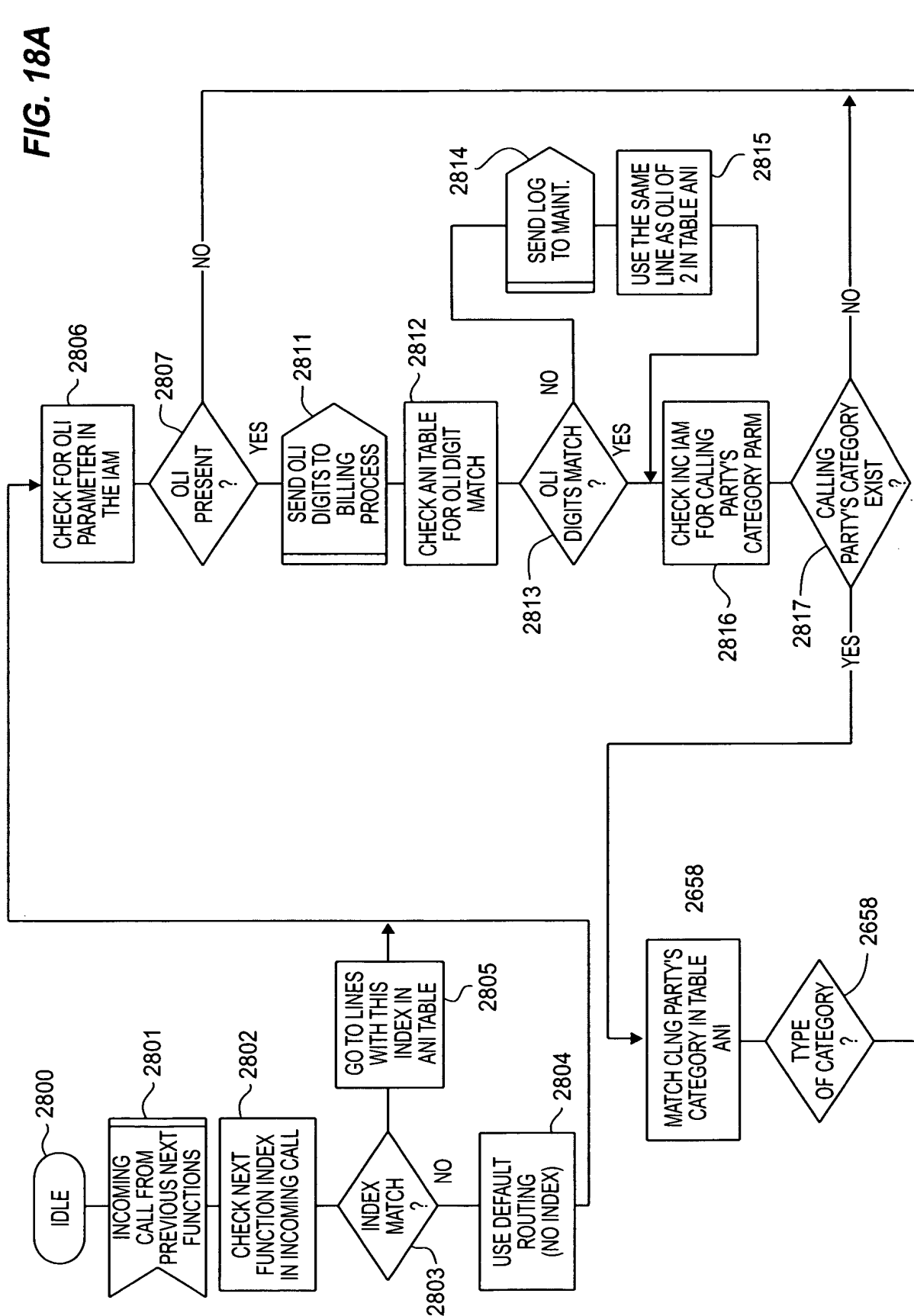


FIG. 18A





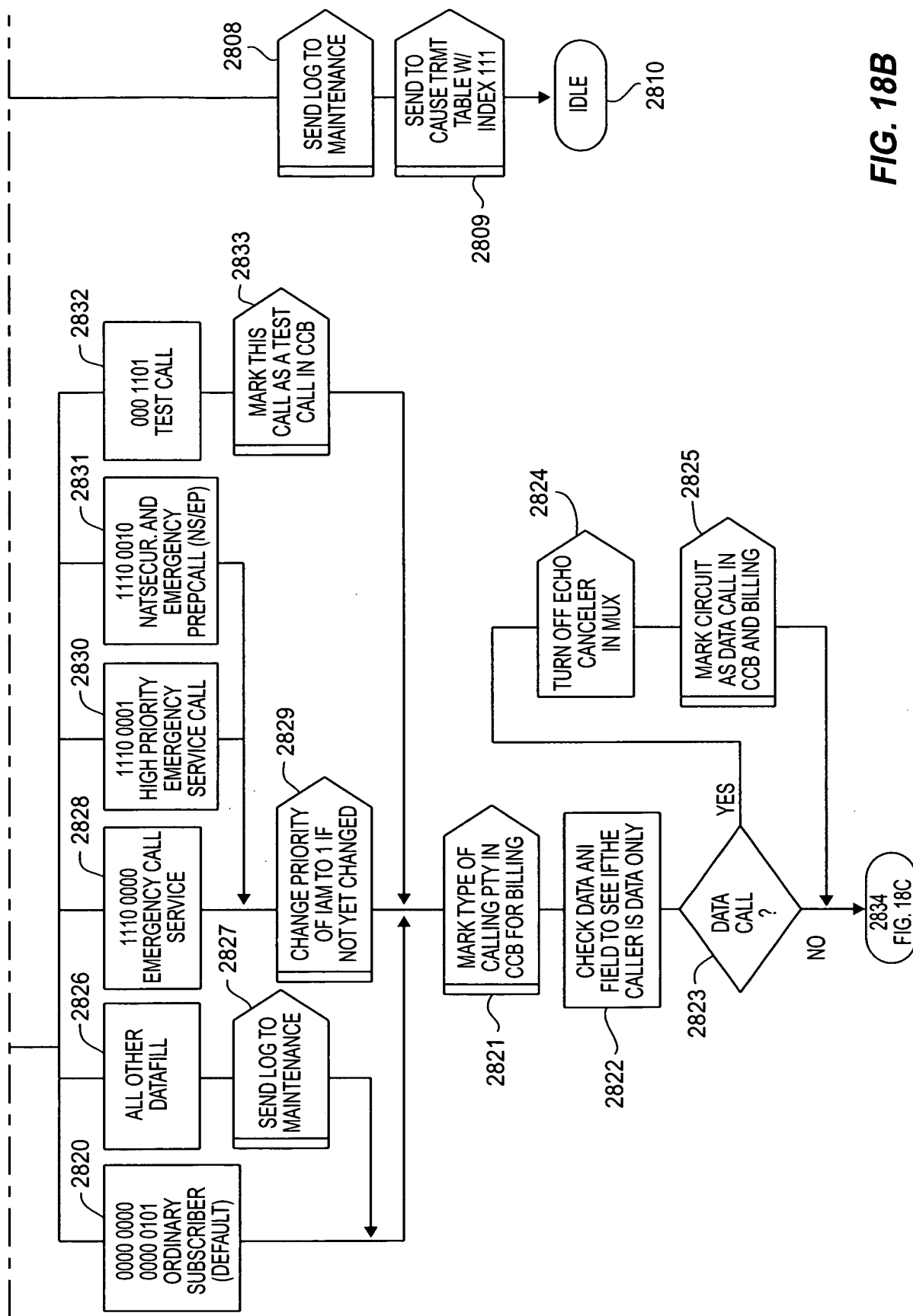
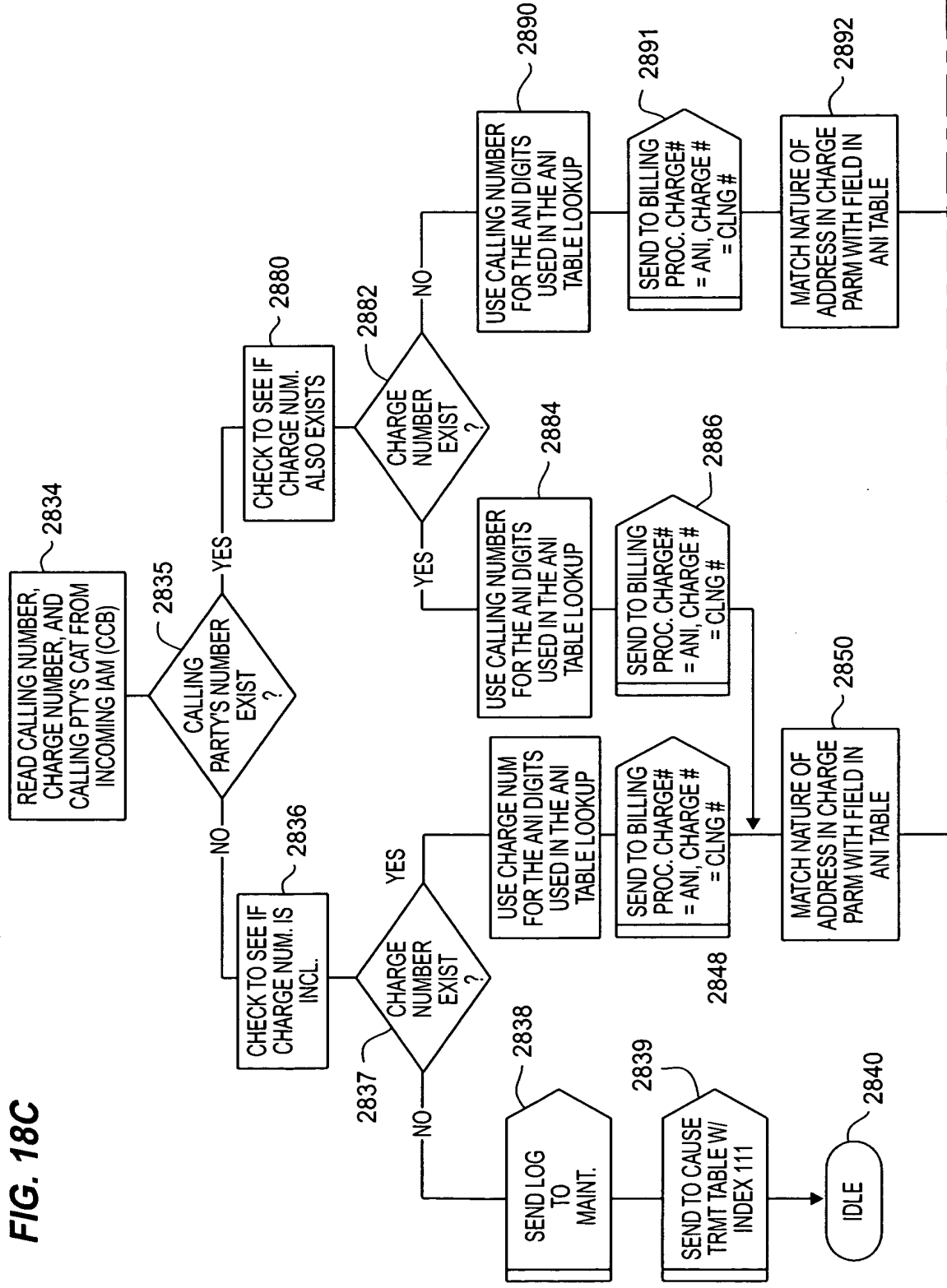


FIG. 18B

FIG. 18C



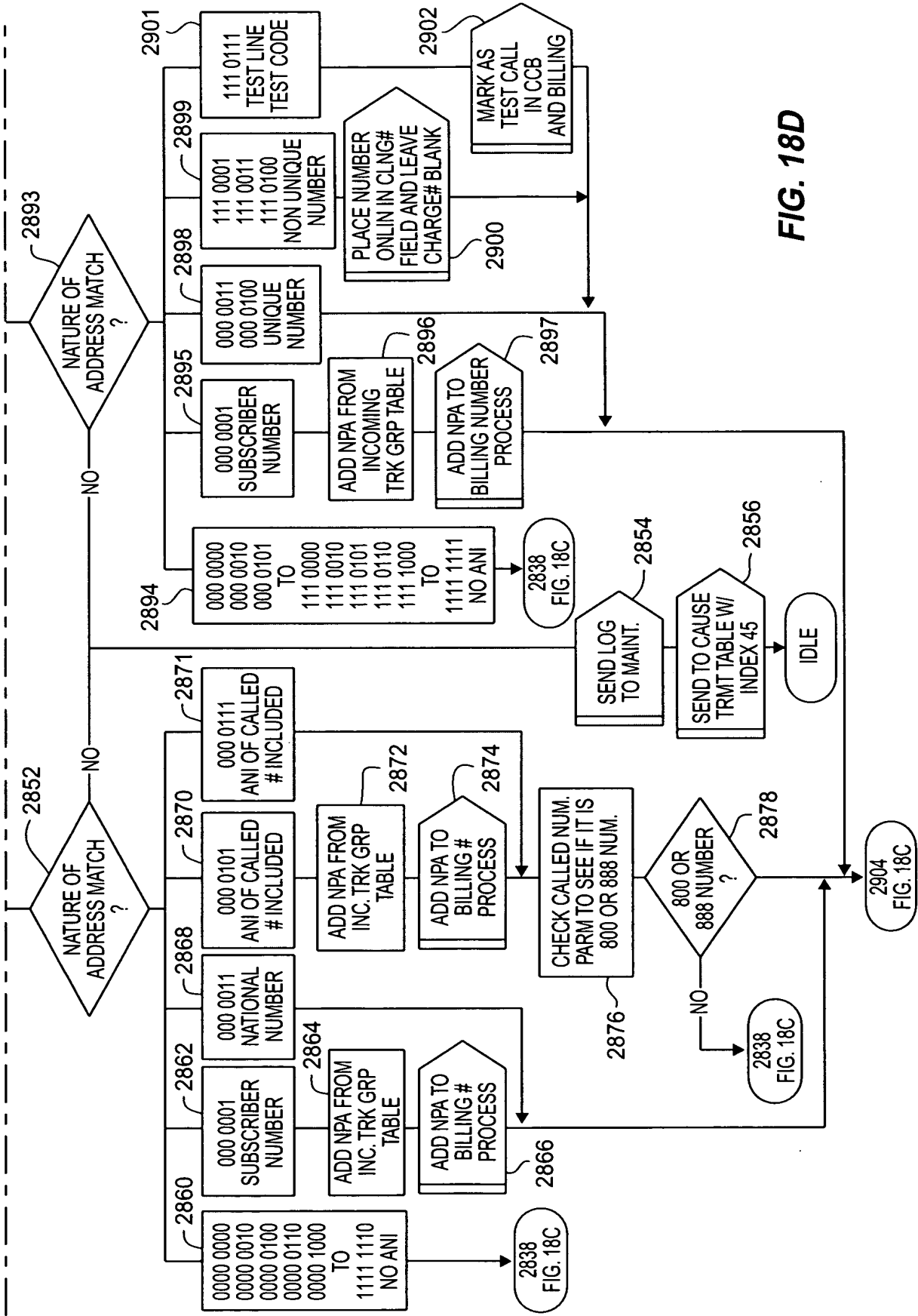


FIG. 18D

FIG. 18E

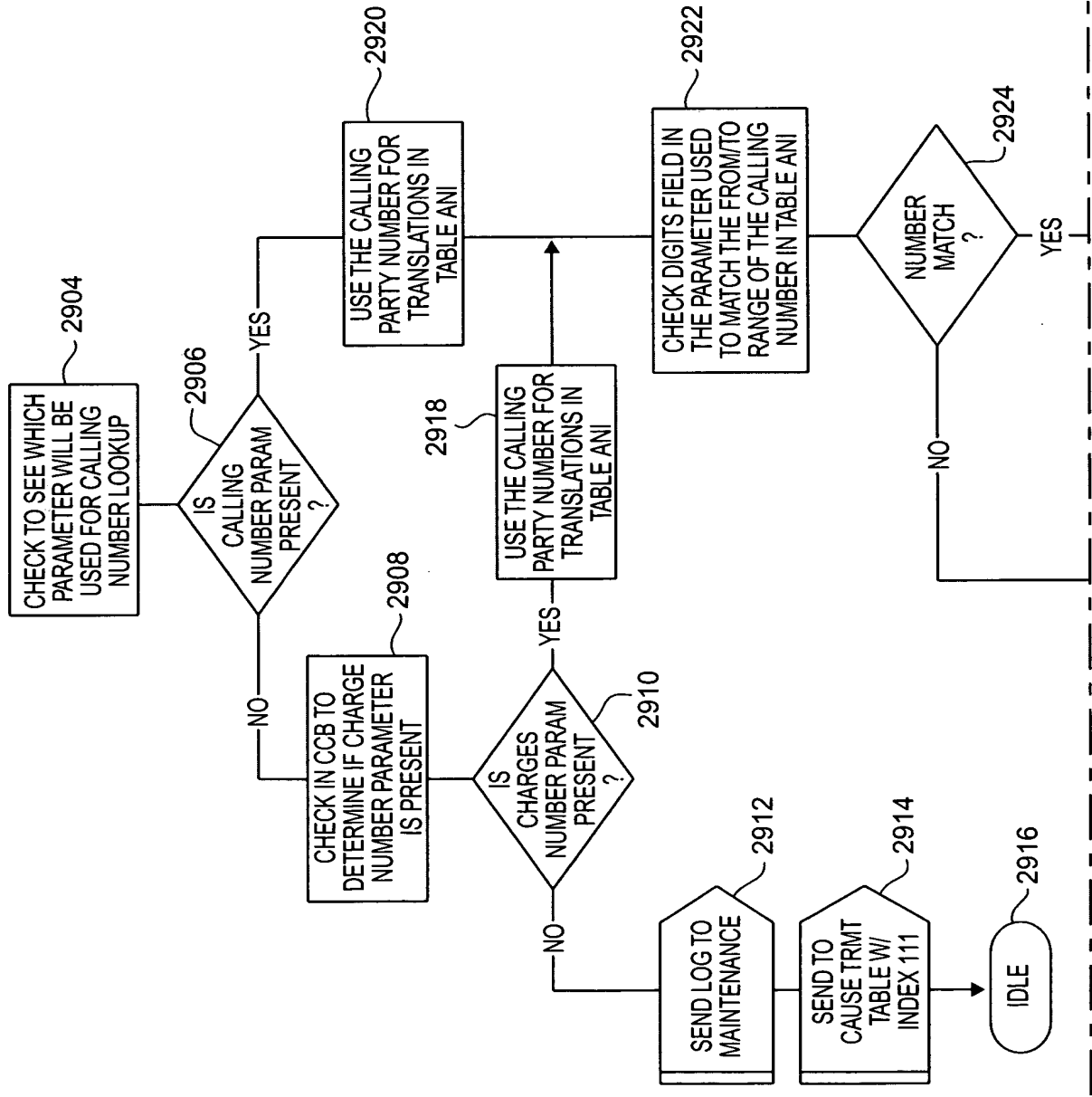


FIG. 18F

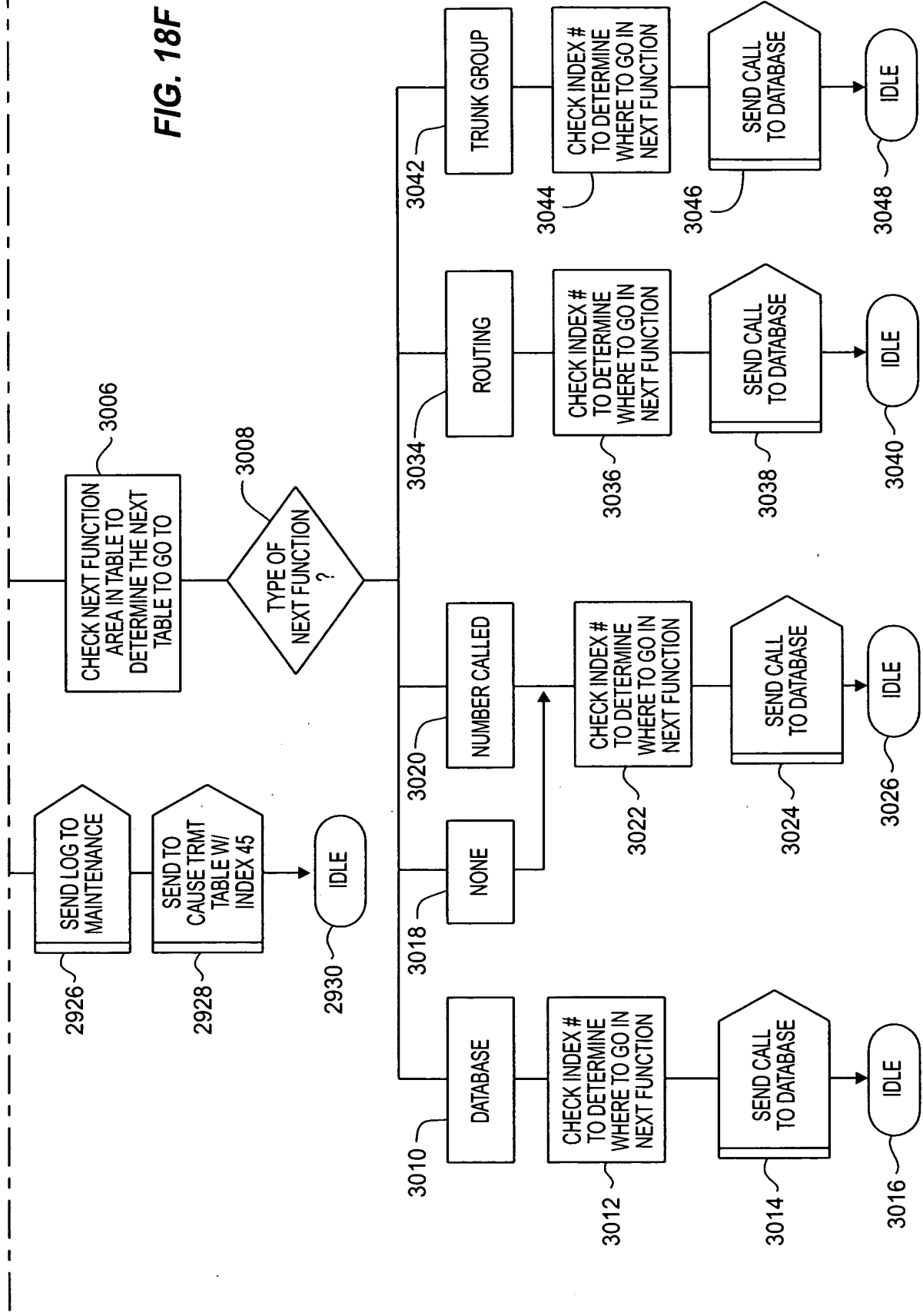
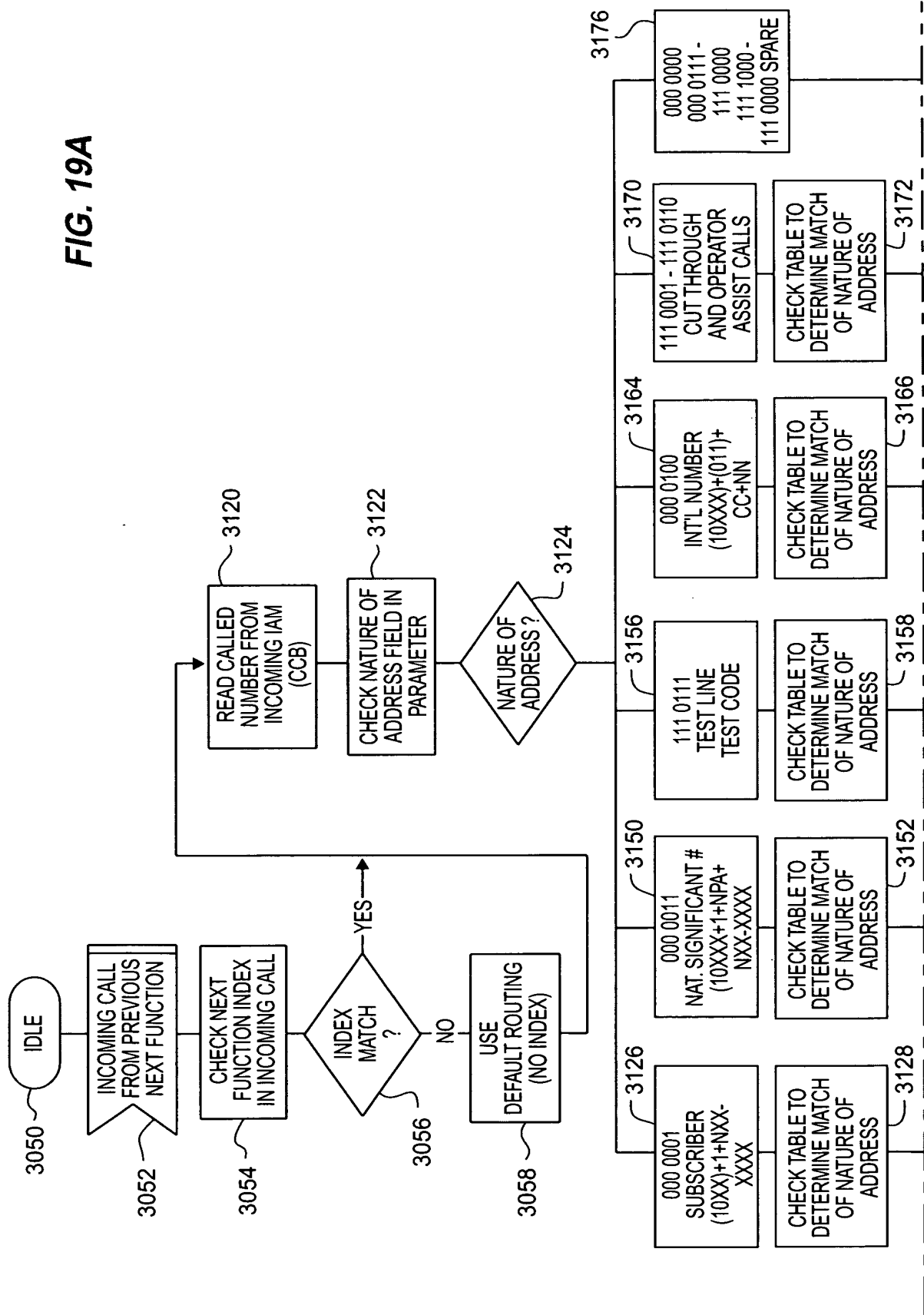


FIG. 19A



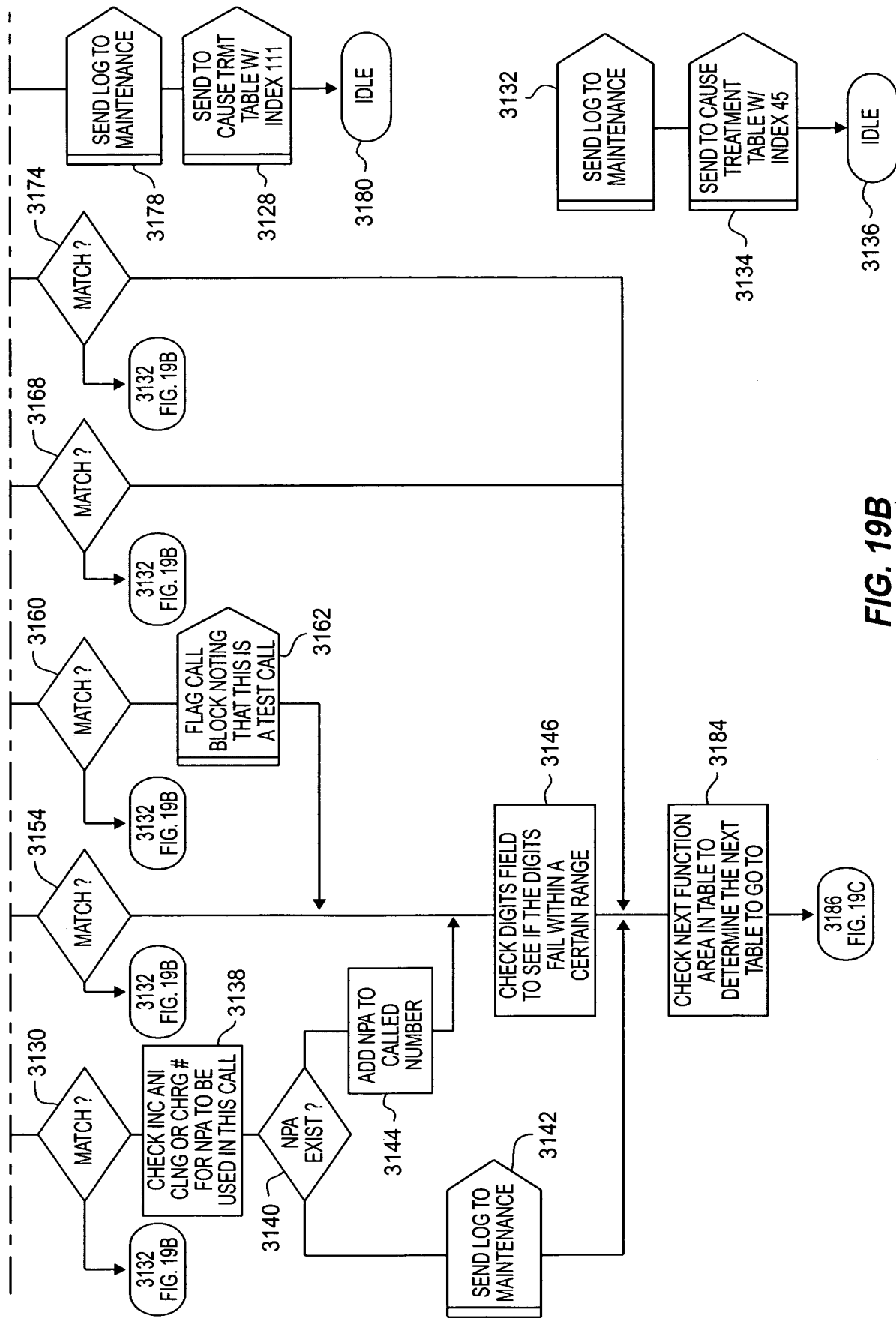
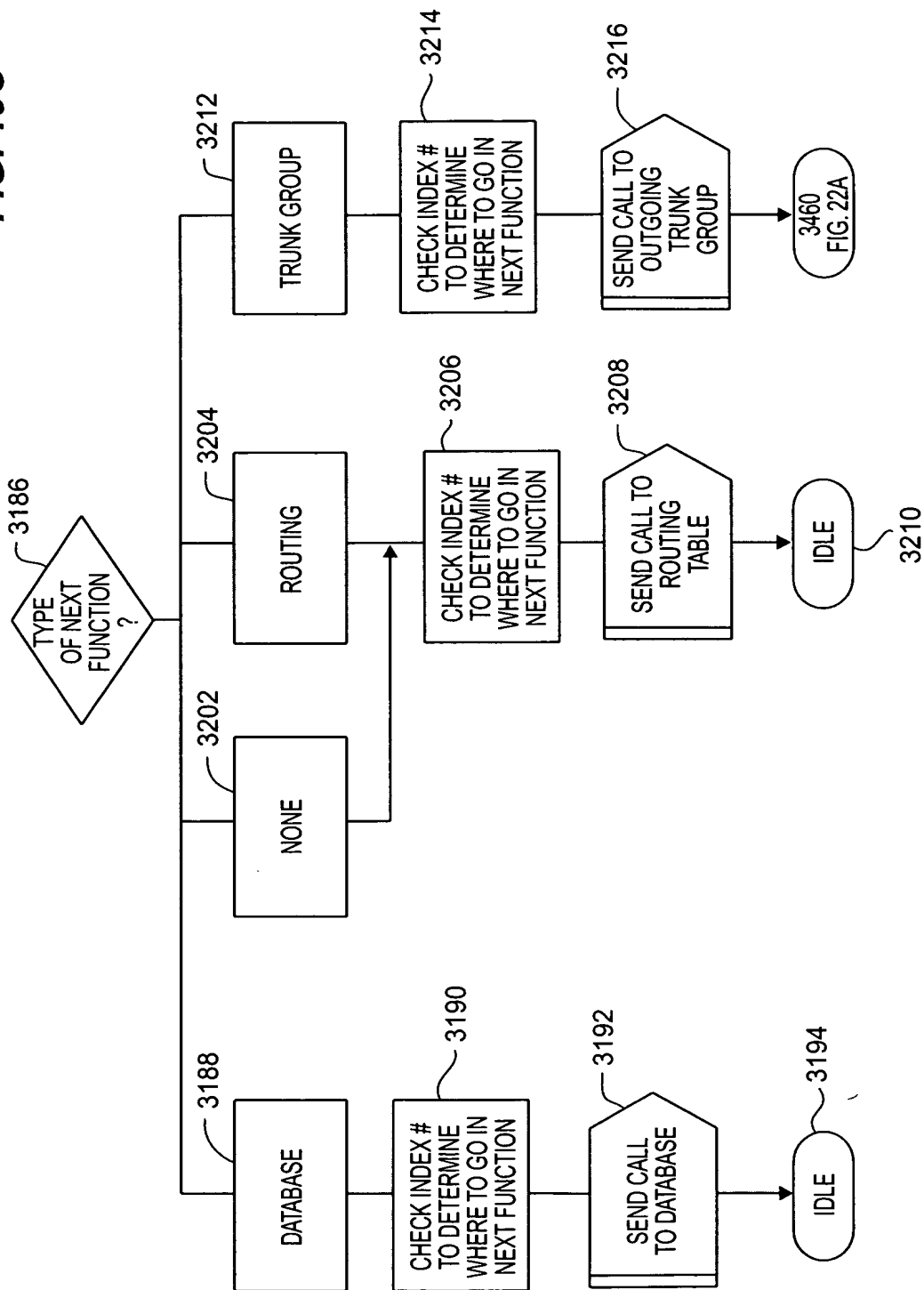


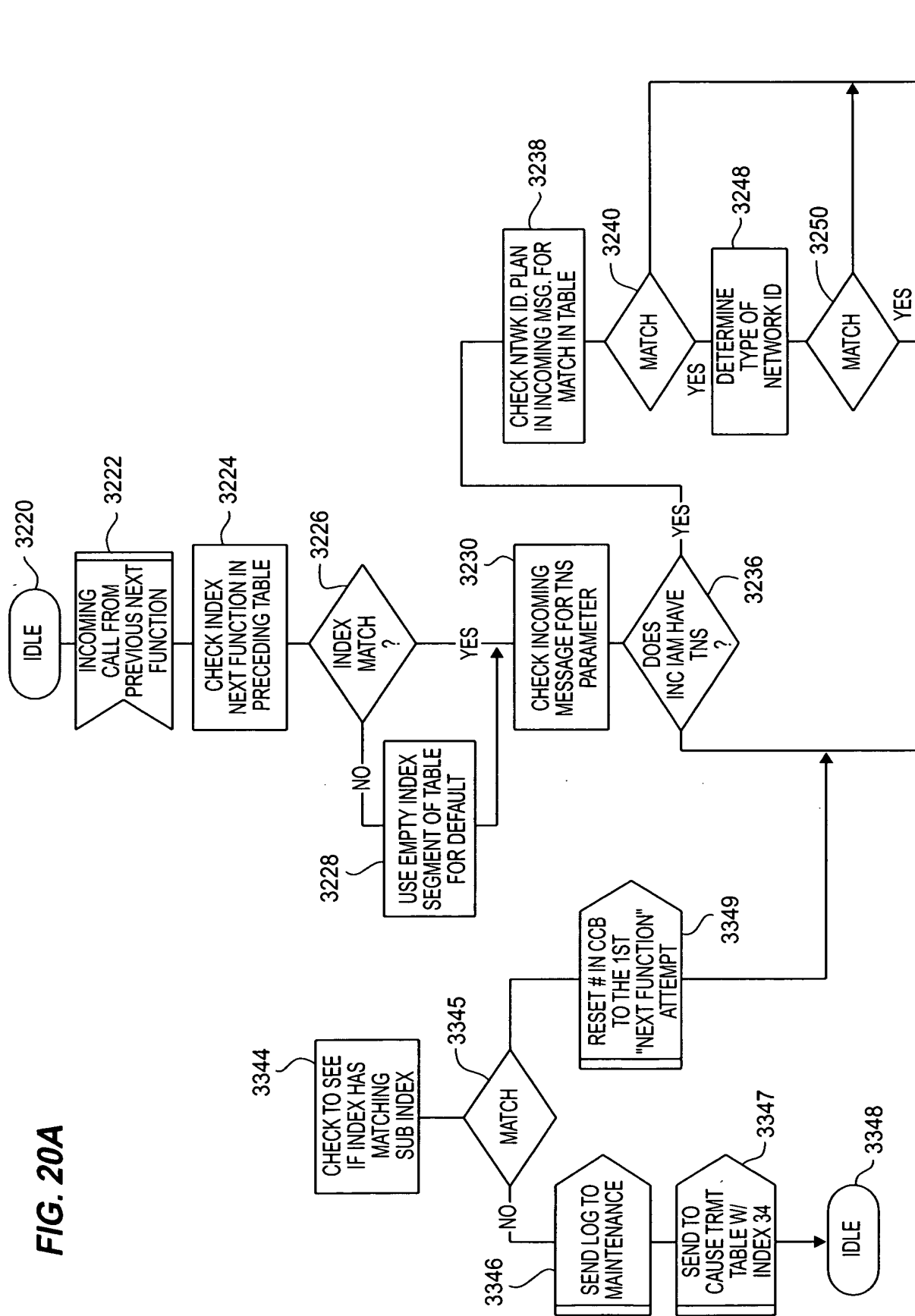
FIG. 19B

FIG. 19C





1. *What is the purpose of the study?*  
 2. *What are the research questions?*  
 3. *What is the significance of the study?*  
 4. *What are the limitations of the study?*  
 5. *What are the conclusions of the study?*  
 6. *What are the implications of the study?*  
 7. *What are the future research directions?*  
 8. *What are the key findings of the study?*  
 9. *What are the strengths of the study?*  
 10. *What are the weaknesses of the study?*  
 11. *What are the contributions of the study?*  
 12. *What are the practical applications of the study?*  
 13. *What are the theoretical contributions of the study?*  
 14. *What are the methodological contributions of the study?*  
 15. *What are the policy implications of the study?*  
 16. *What are the ethical considerations of the study?*  
 17. *What are the funding sources of the study?*  
 18. *What are the acknowledgments of the study?*  
 19. *What are the references of the study?*  
 20. *What are the appendices of the study?*  
 21. *What are the tables of the study?*  
 22. *What are the figures of the study?*  
 23. *What are the footnotes of the study?*  
 24. *What are the glossaries of the study?*  
 25. *What are the indexes of the study?*  
 26. *What are the supplementary materials of the study?*  
 27. *What are the contact information of the study?*  
 28. *What are the copyright notices of the study?*  
 29. *What are the permissions of the study?*  
 30. *What are the disclosures of the study?*  
 31. *What are the conflicts of interest of the study?*  
 32. *What are the data availability statements of the study?*  
 33. *What are the code of ethics of the study?*  
 34. *What are the informed consent of the study?*  
 35. *What are the privacy statements of the study?*  
 36. *What are the data protection statements of the study?*  
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 45. *What are the responsibility statements of the study?*  
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 53. *What are the procedures statements of the study?*  
 54. *What are the protocols statements of the study?*  
 55. *What are the policies statements of the study?*  
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 58. *What are the best practices statements of the study?*  
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 99. *What are the newsletters statements of the study?*  
 100. *What are the newsletters statements of the study?*



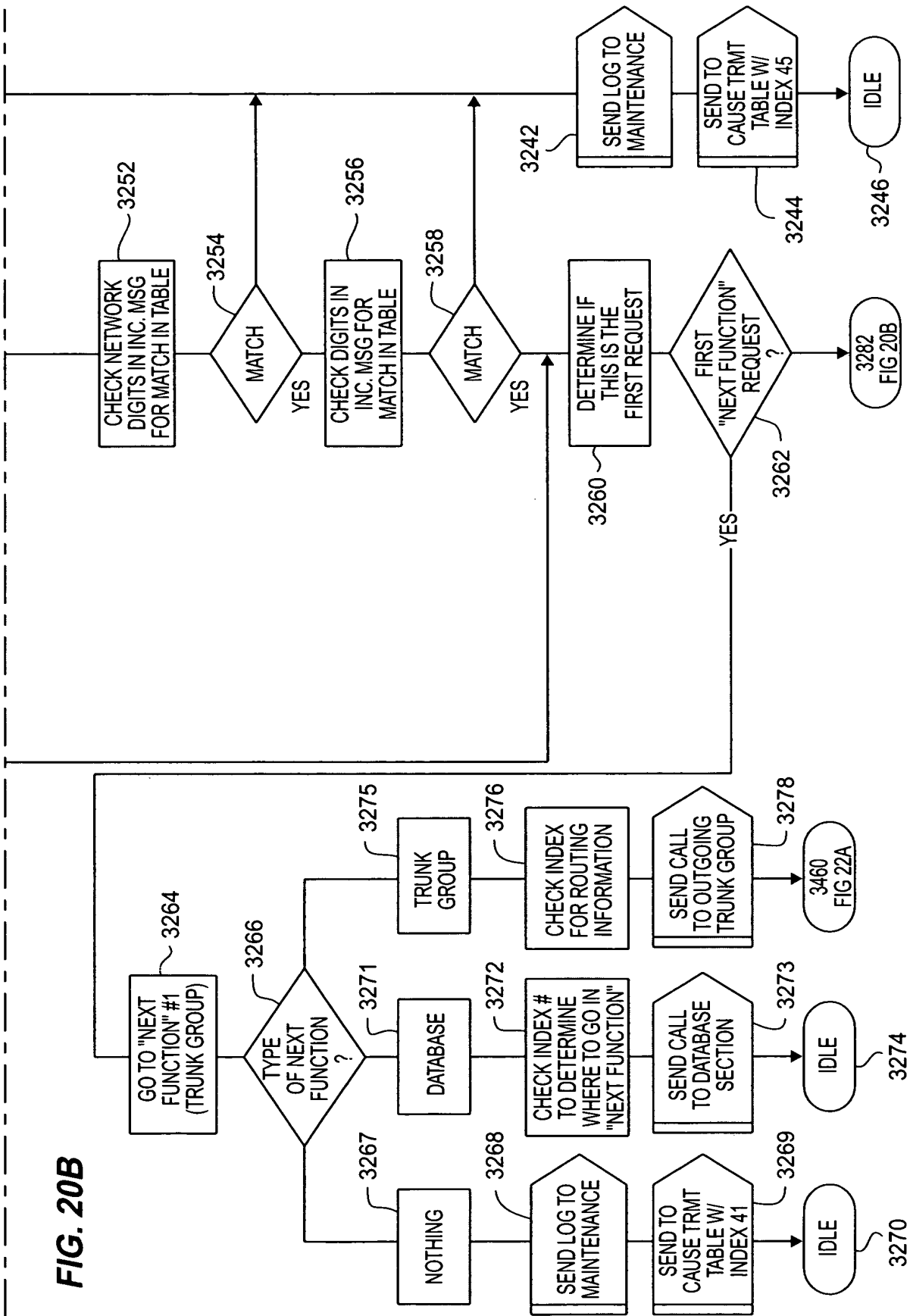


FIG. 20C

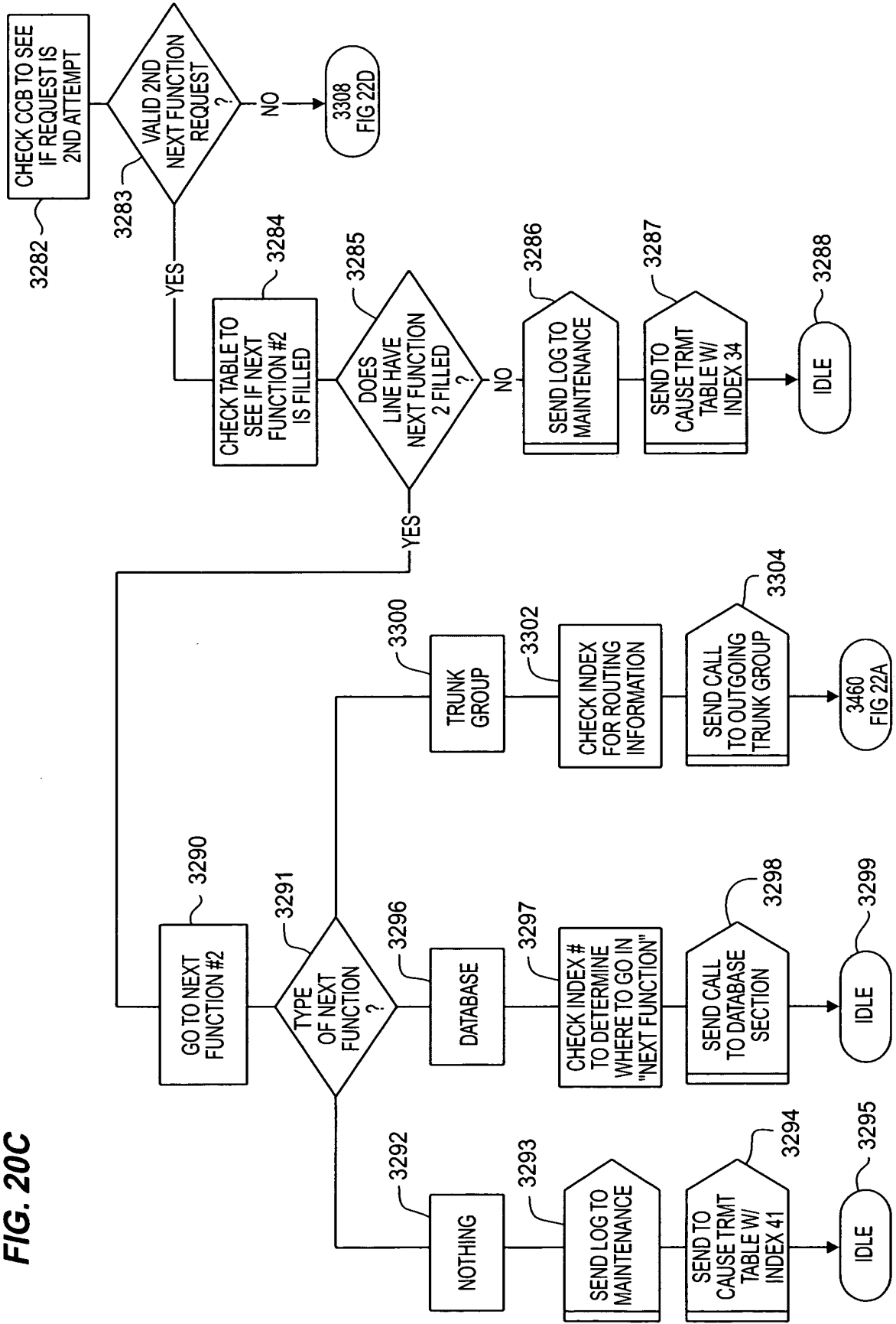


FIG. 20D

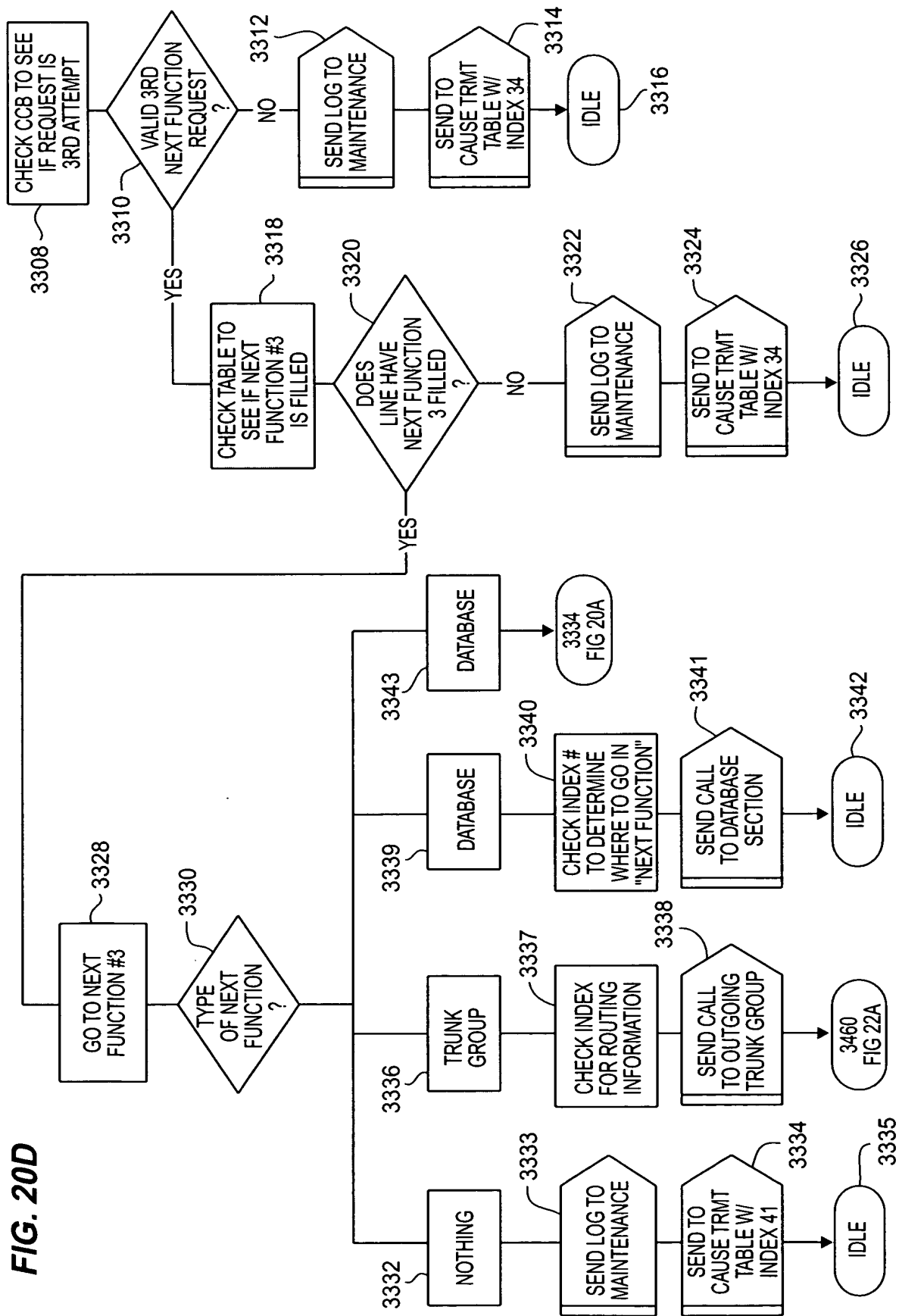
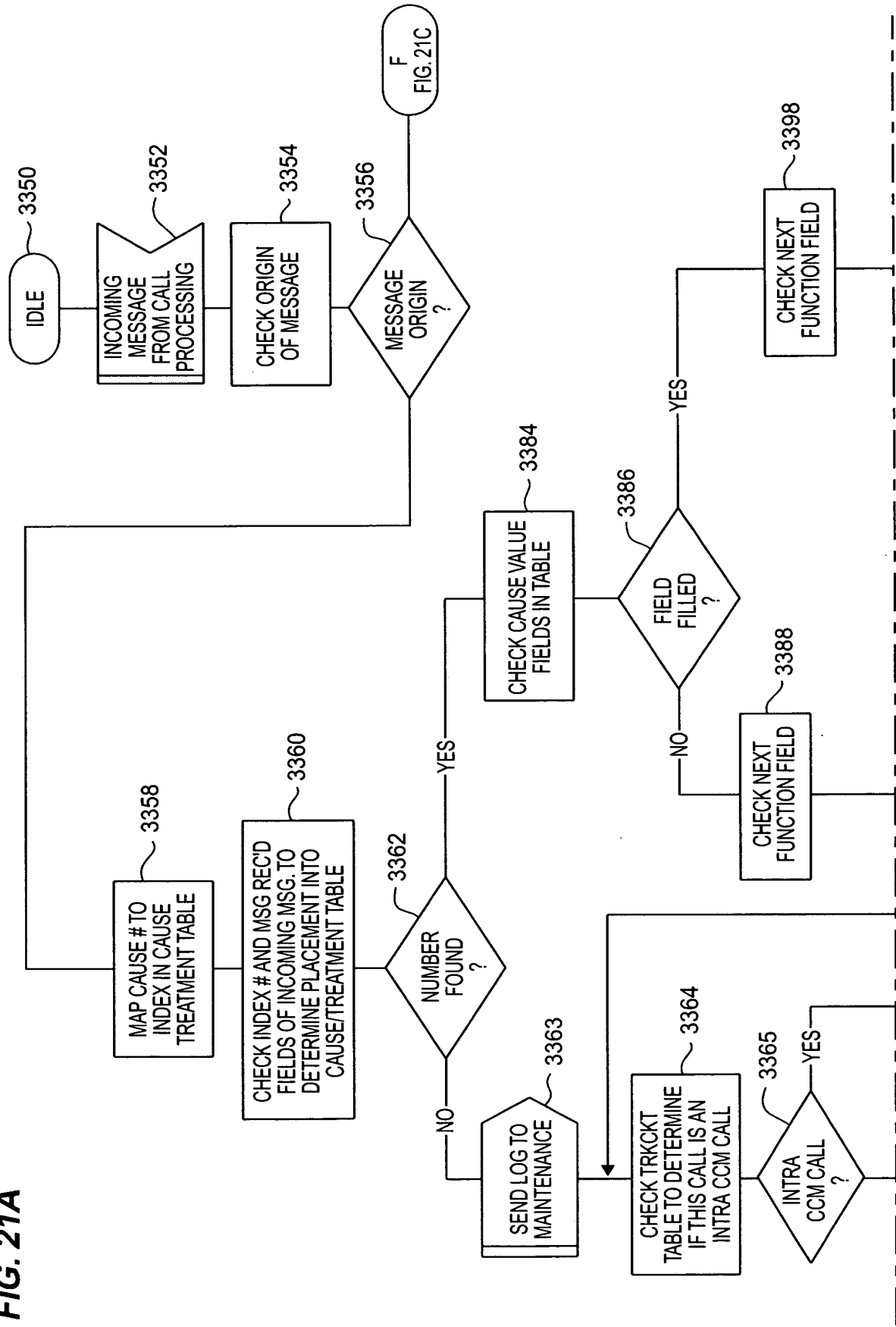


FIG. 21A



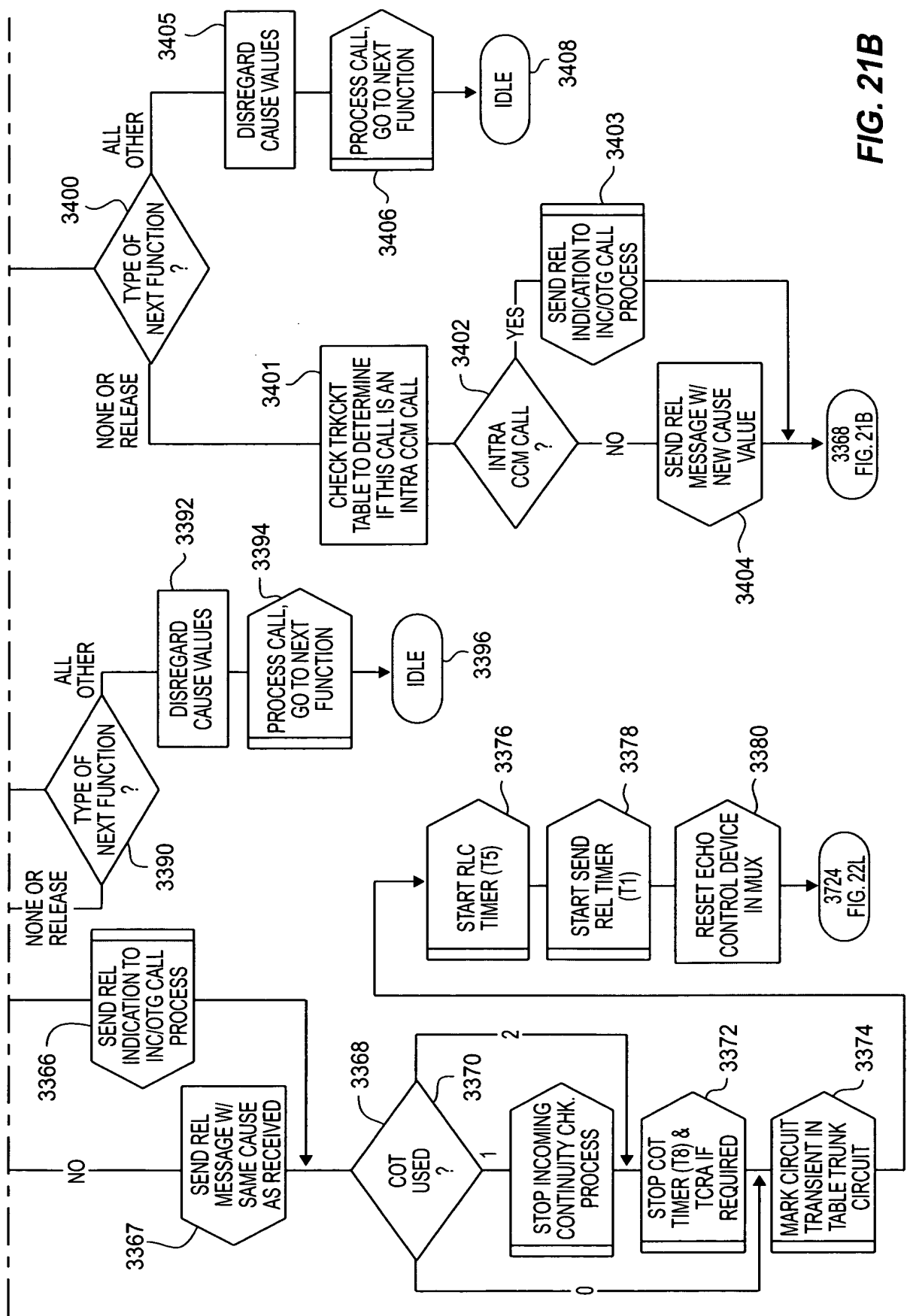
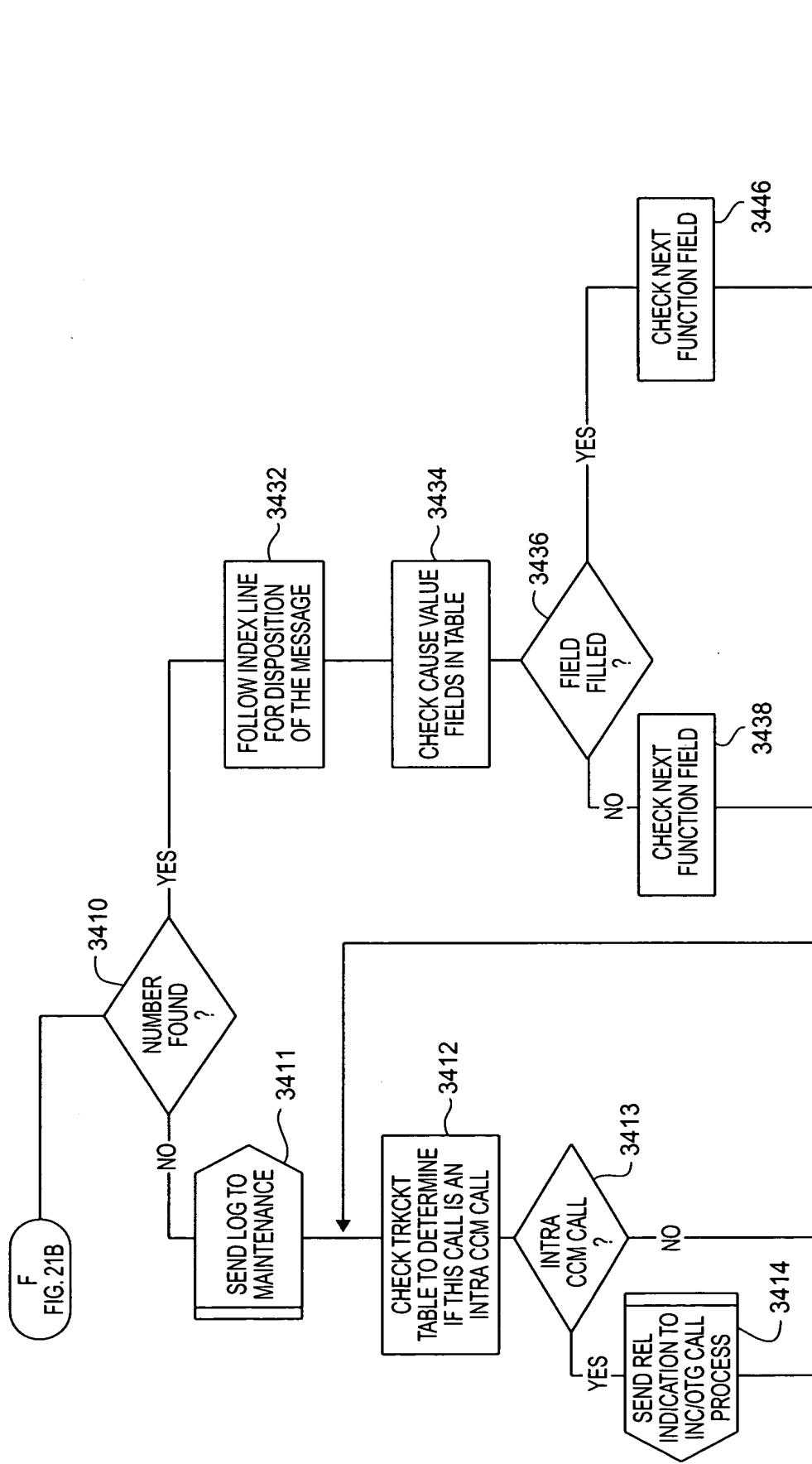


FIG. 21B

FIG. 21C



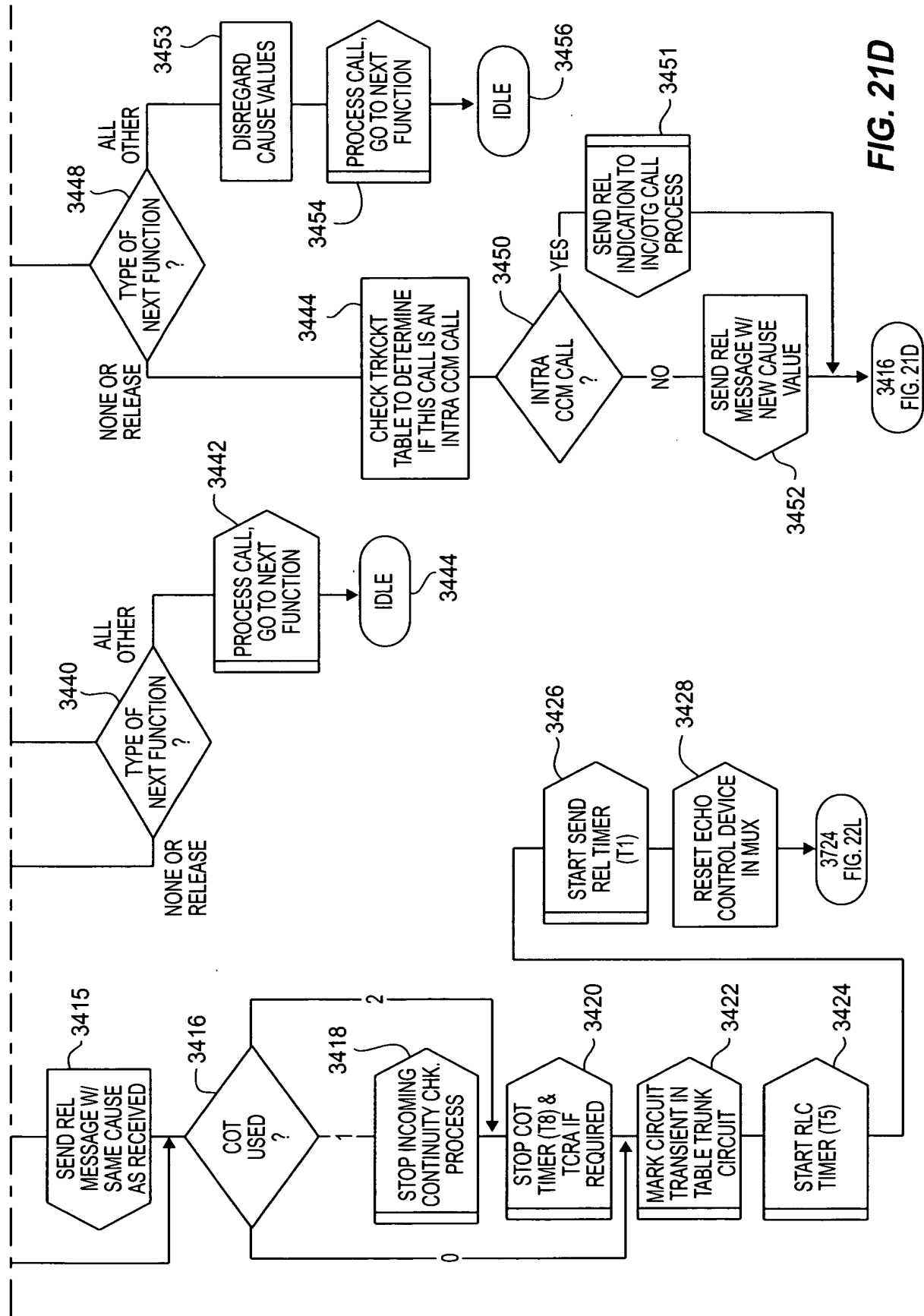
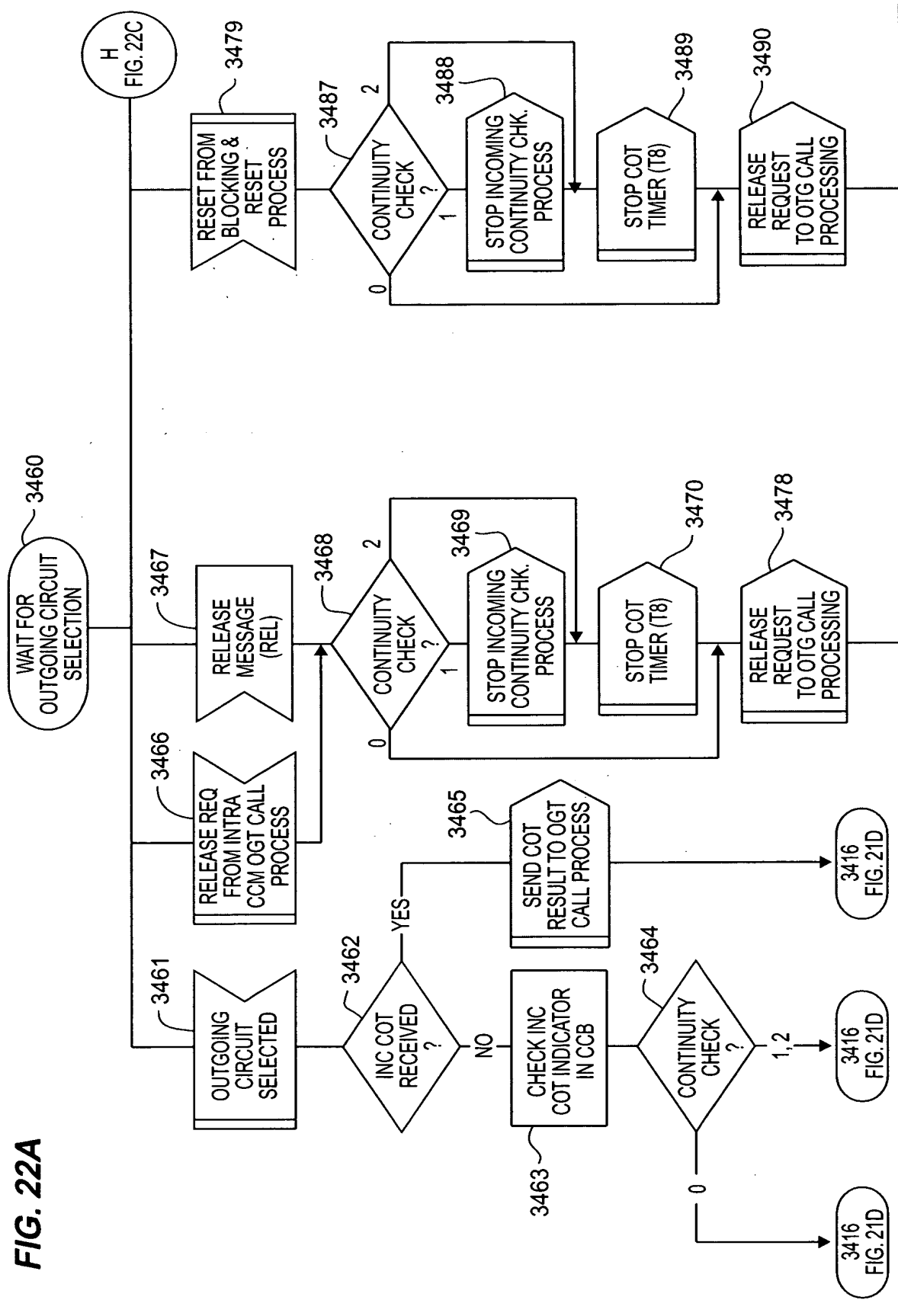


FIG. 21D



FIG. 22A



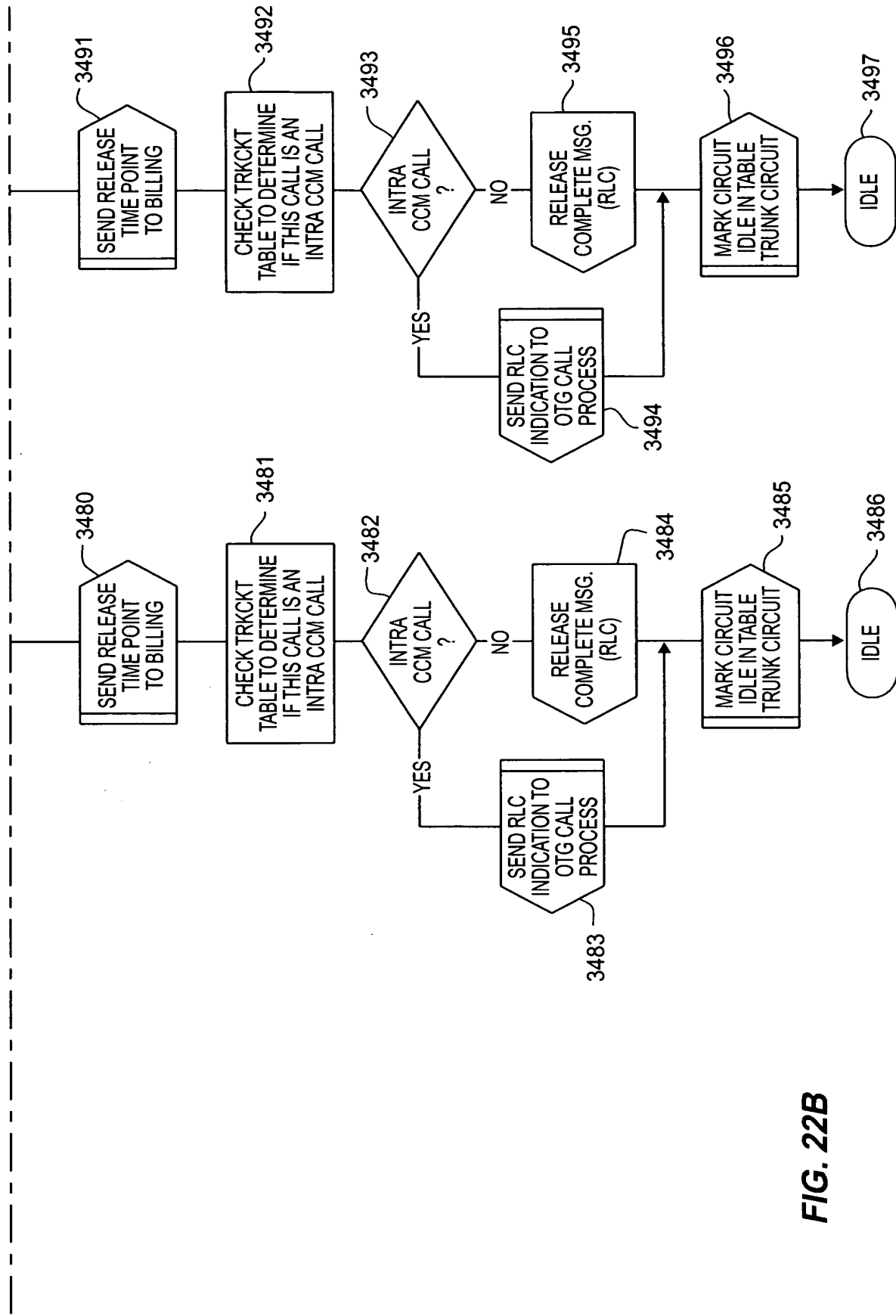


FIG. 22B

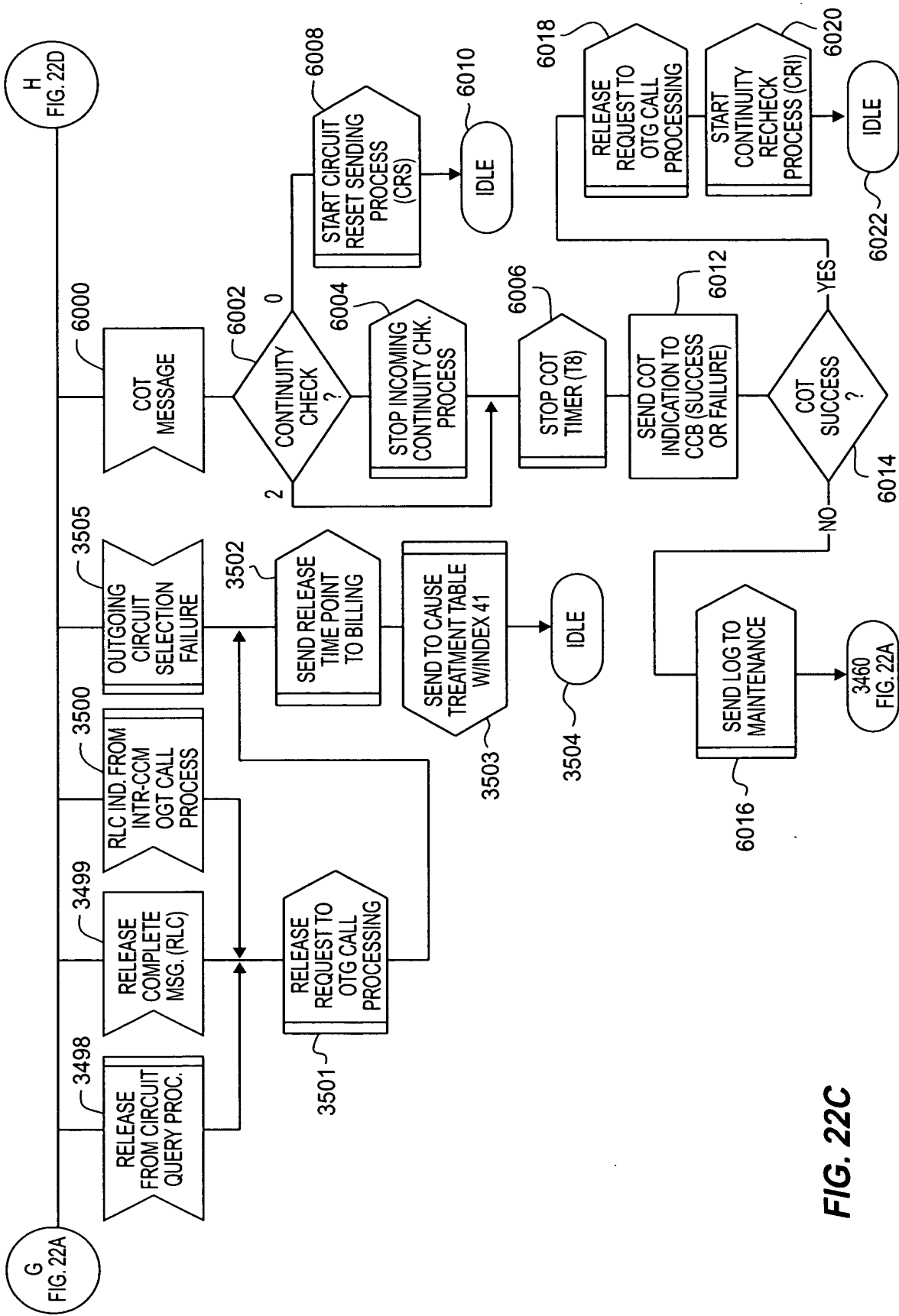
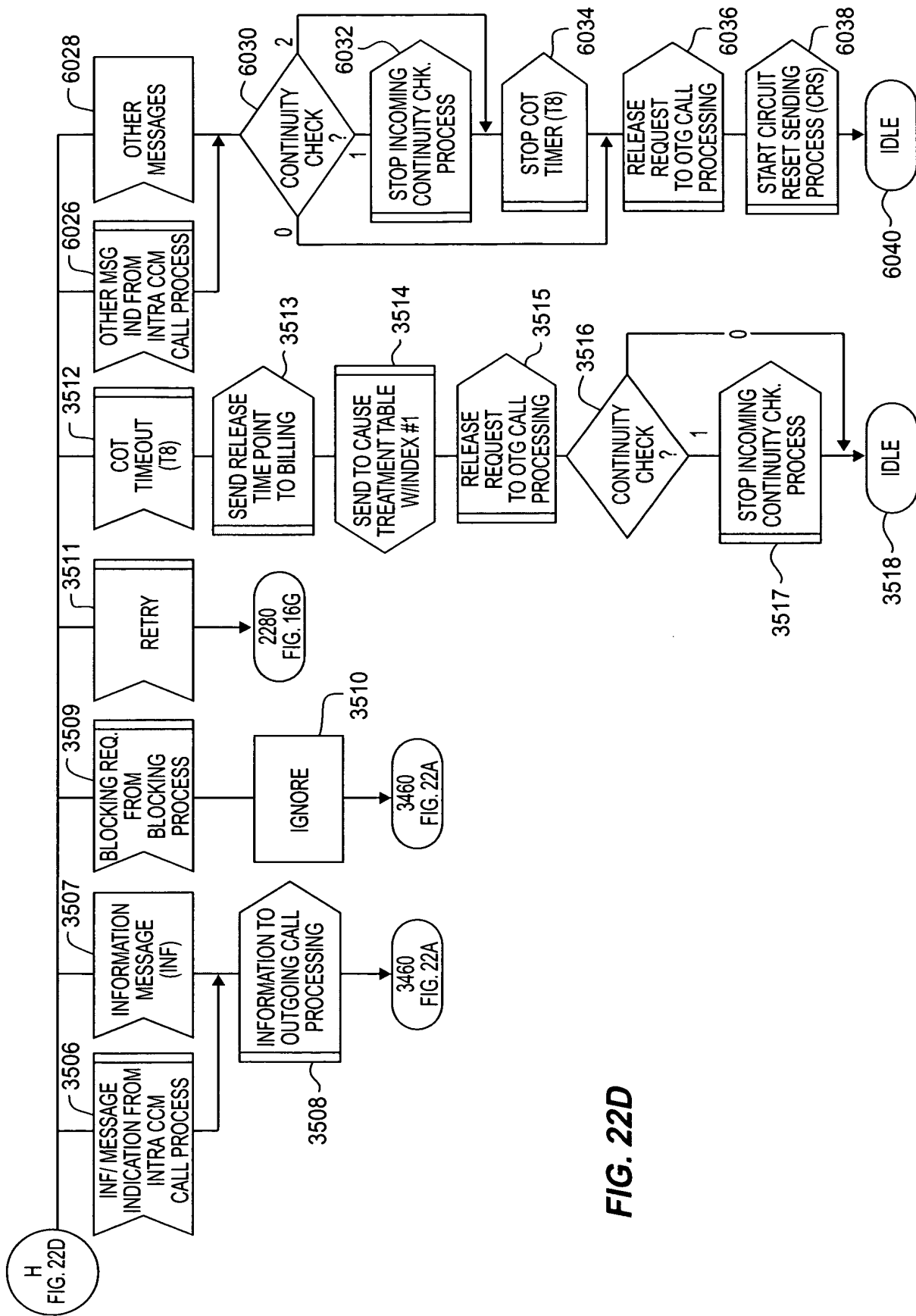
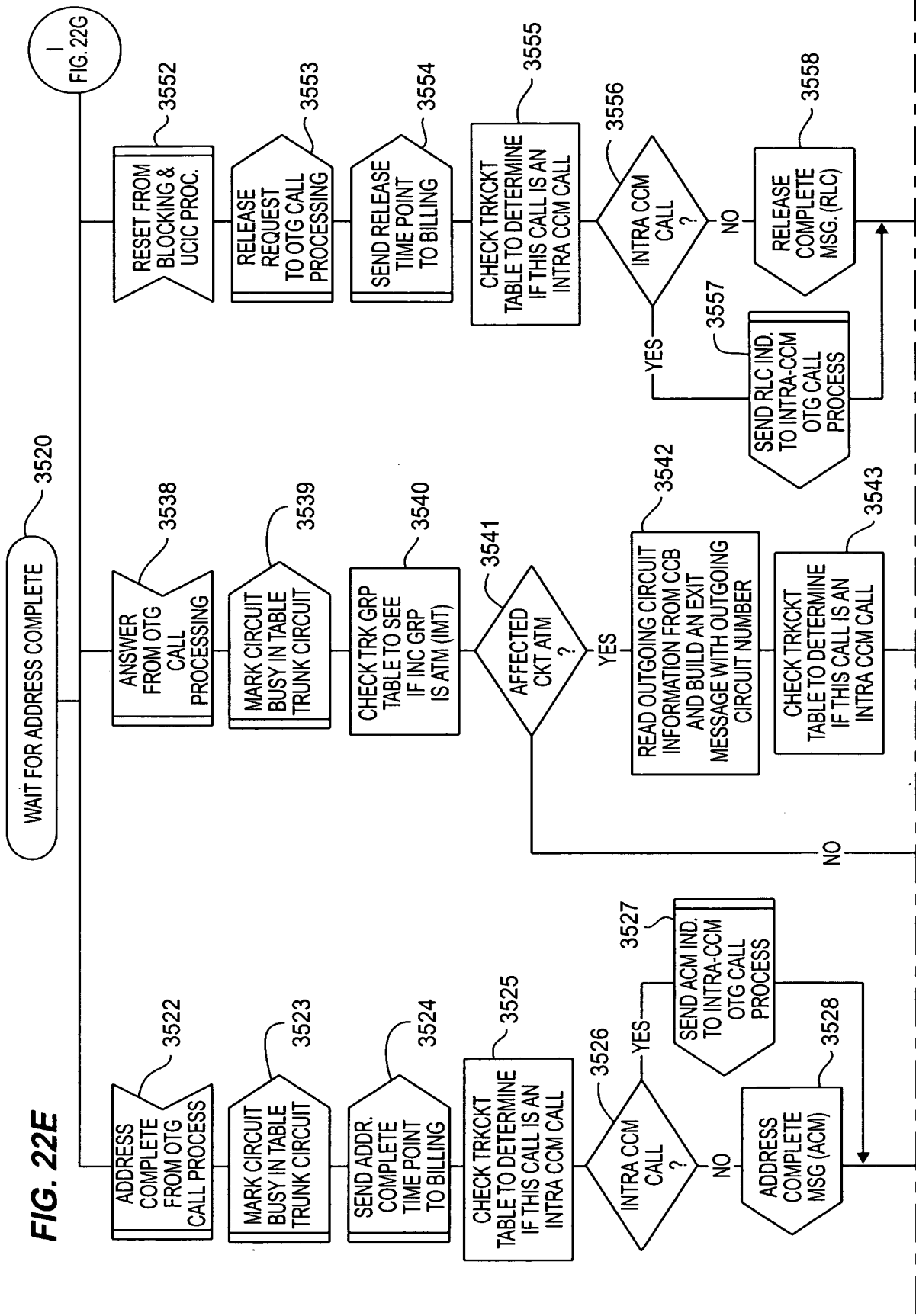


FIG. 22C



**FIG. 22D**

FIG. 22E



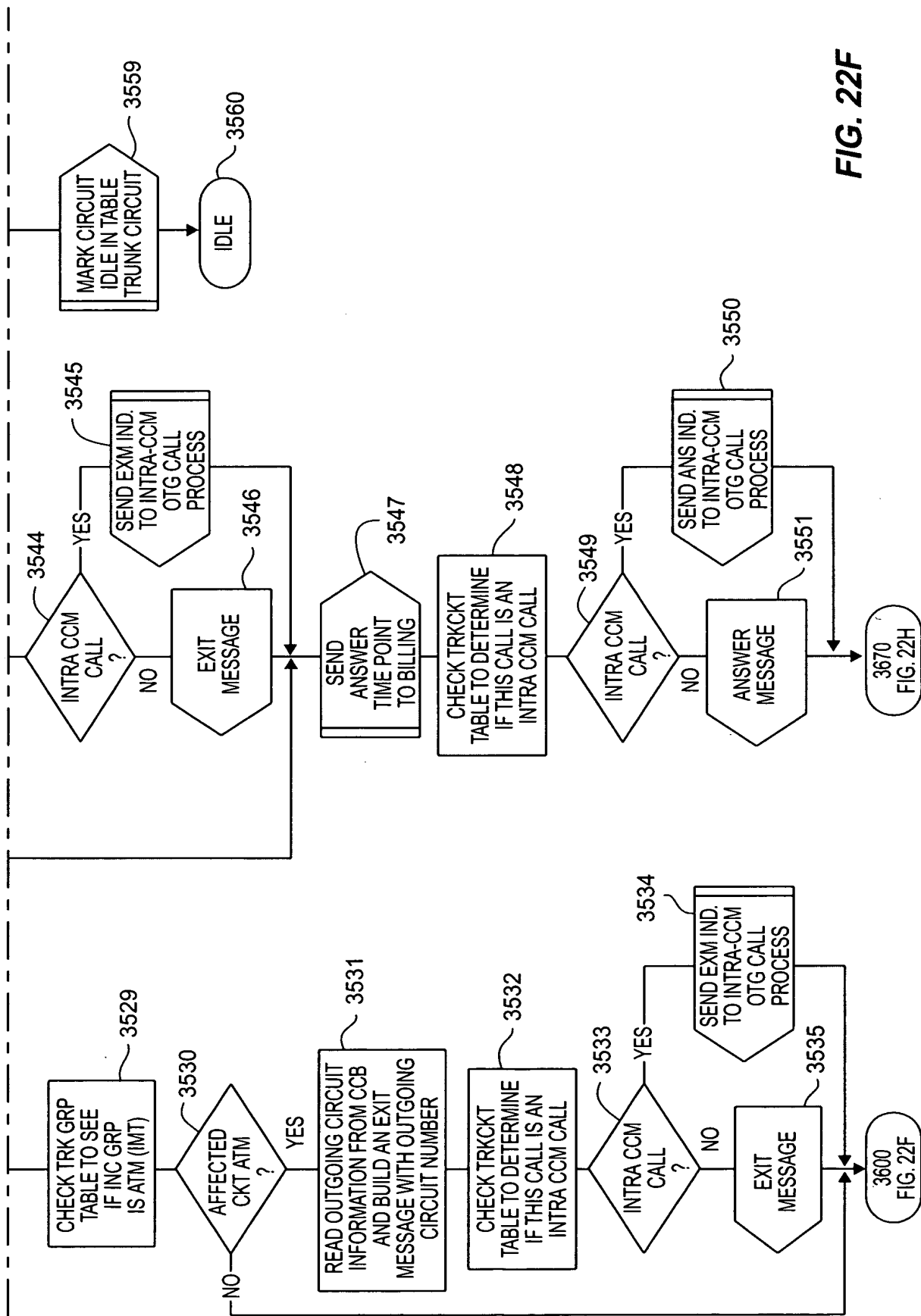


FIG. 22F

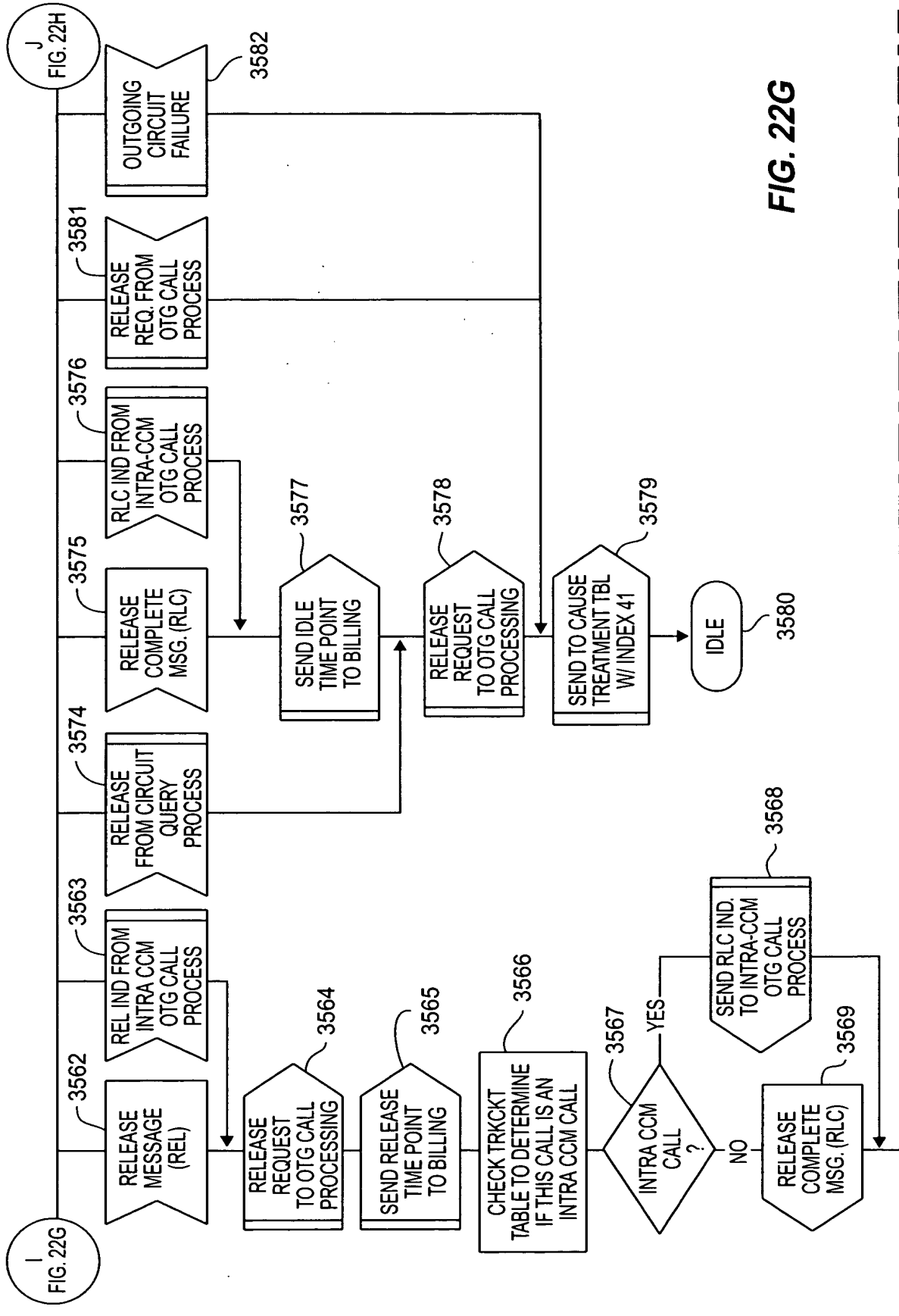


FIG. 22G

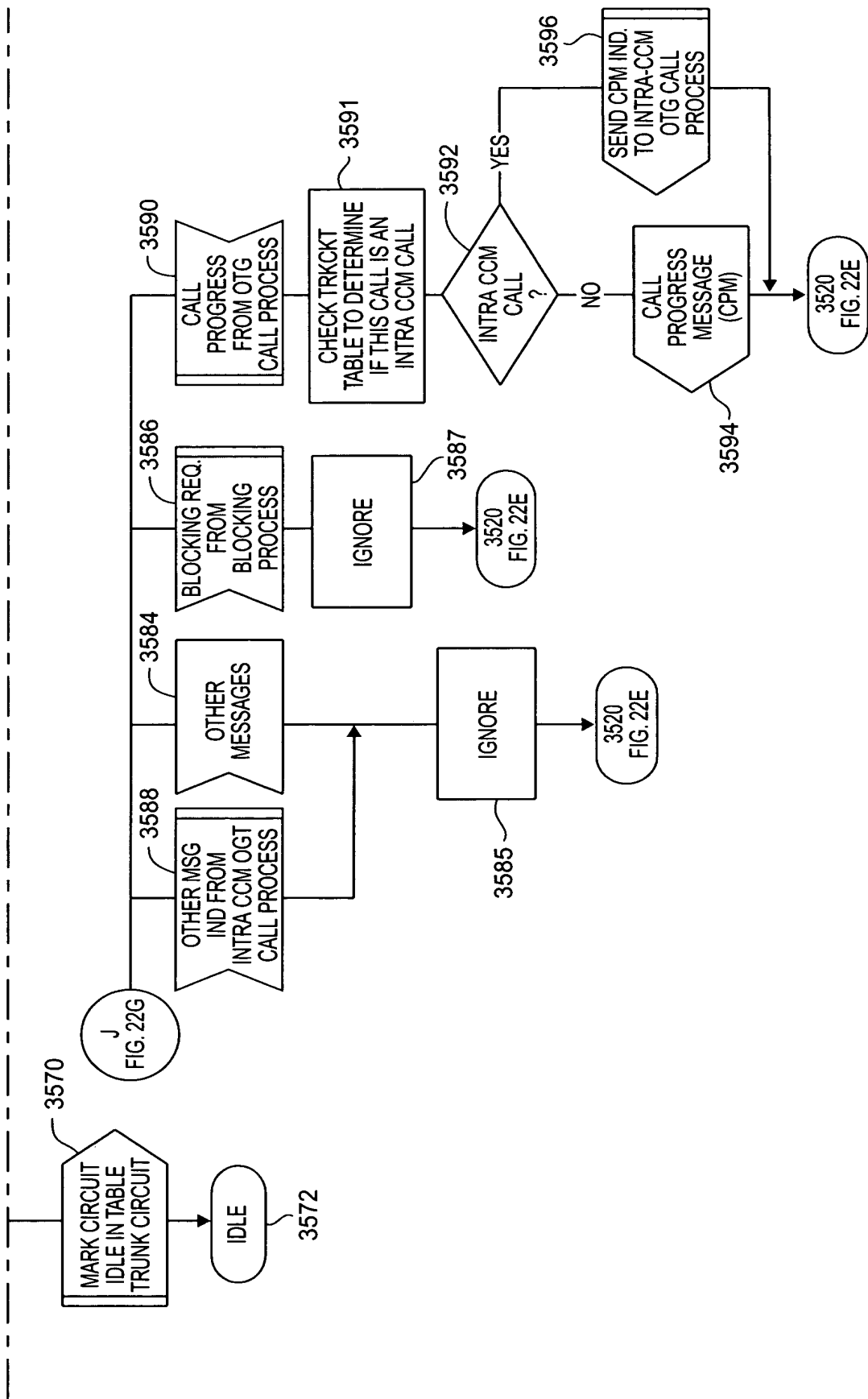
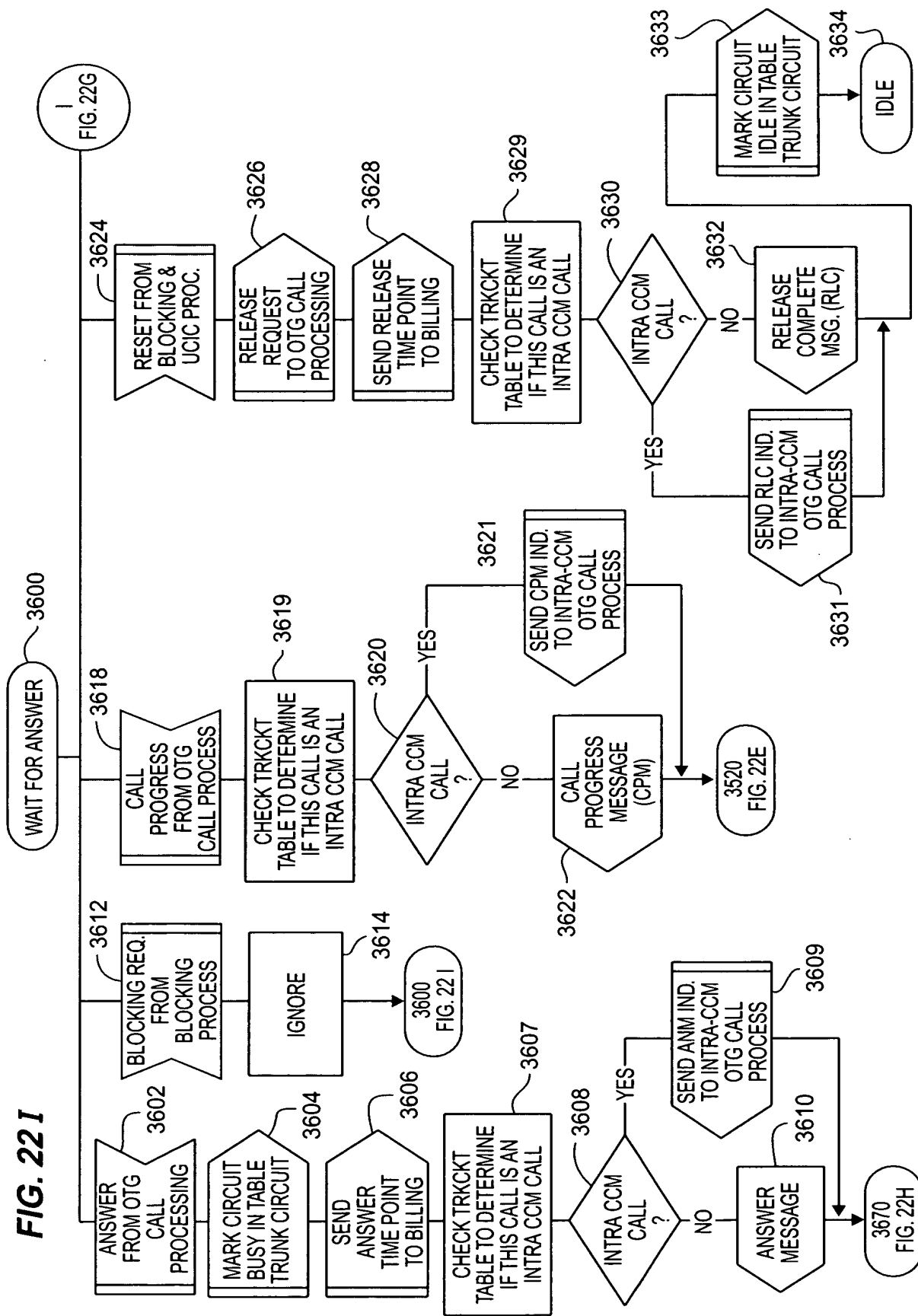


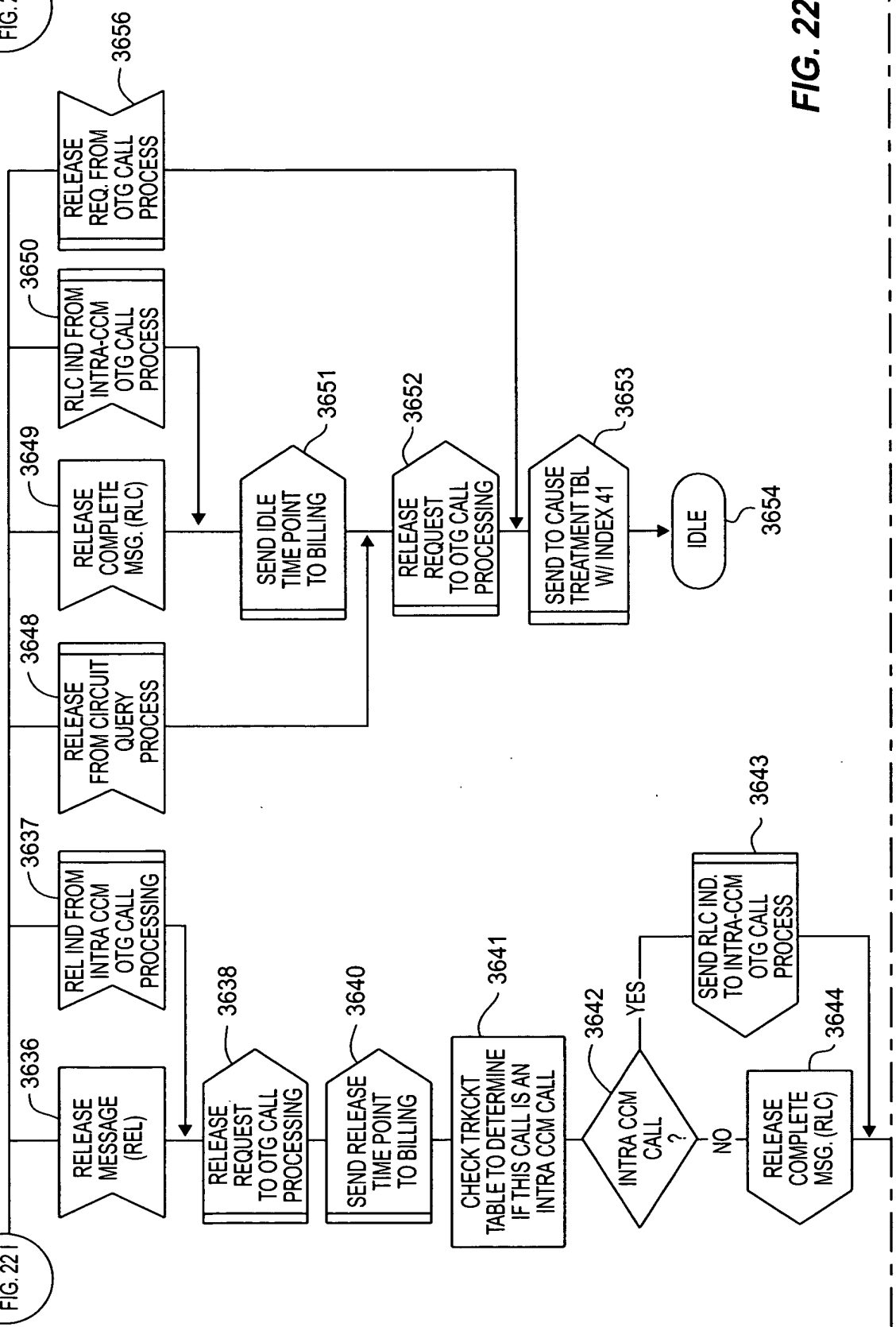
FIG. 22H



FIG. 22I



K  
FIG. 22I



L  
FIG. 22K

FIG. 22J

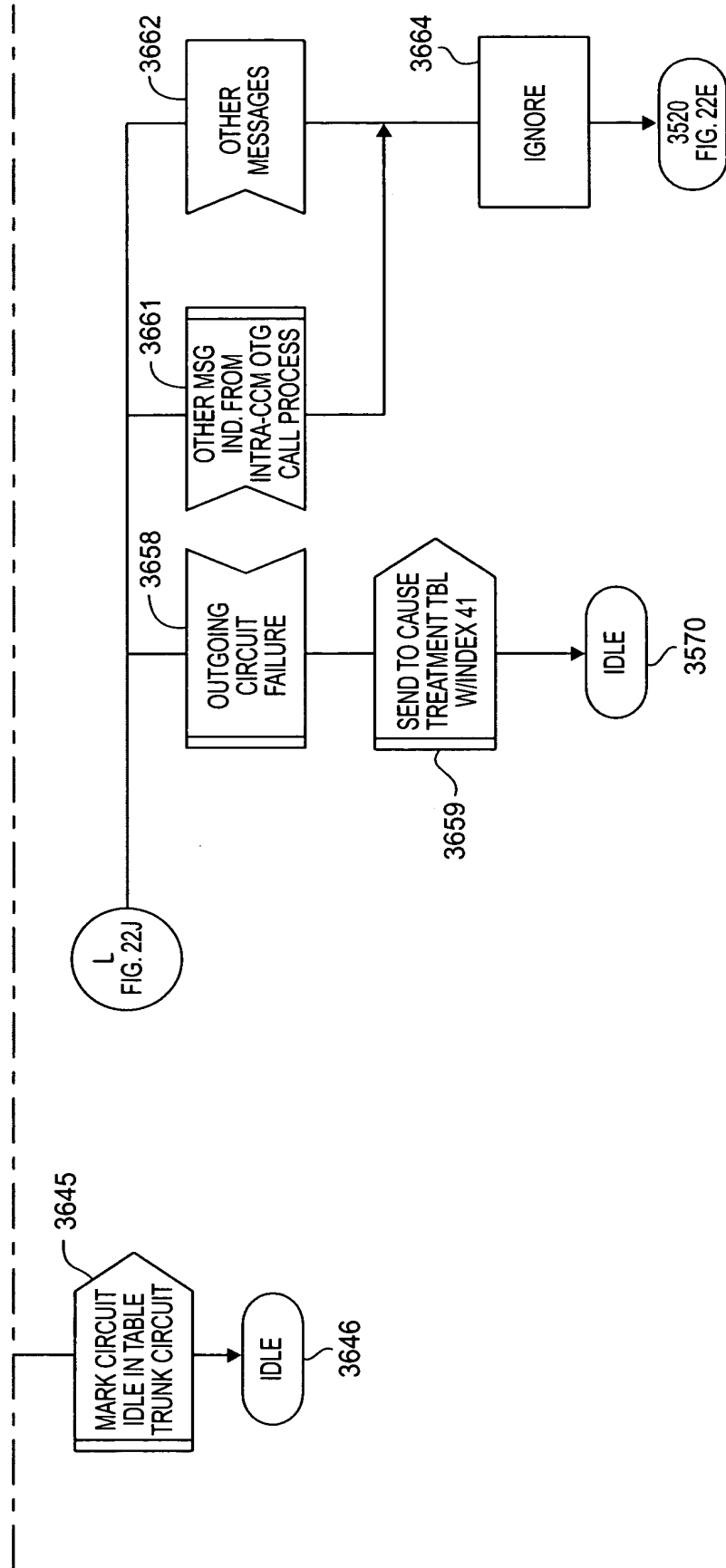
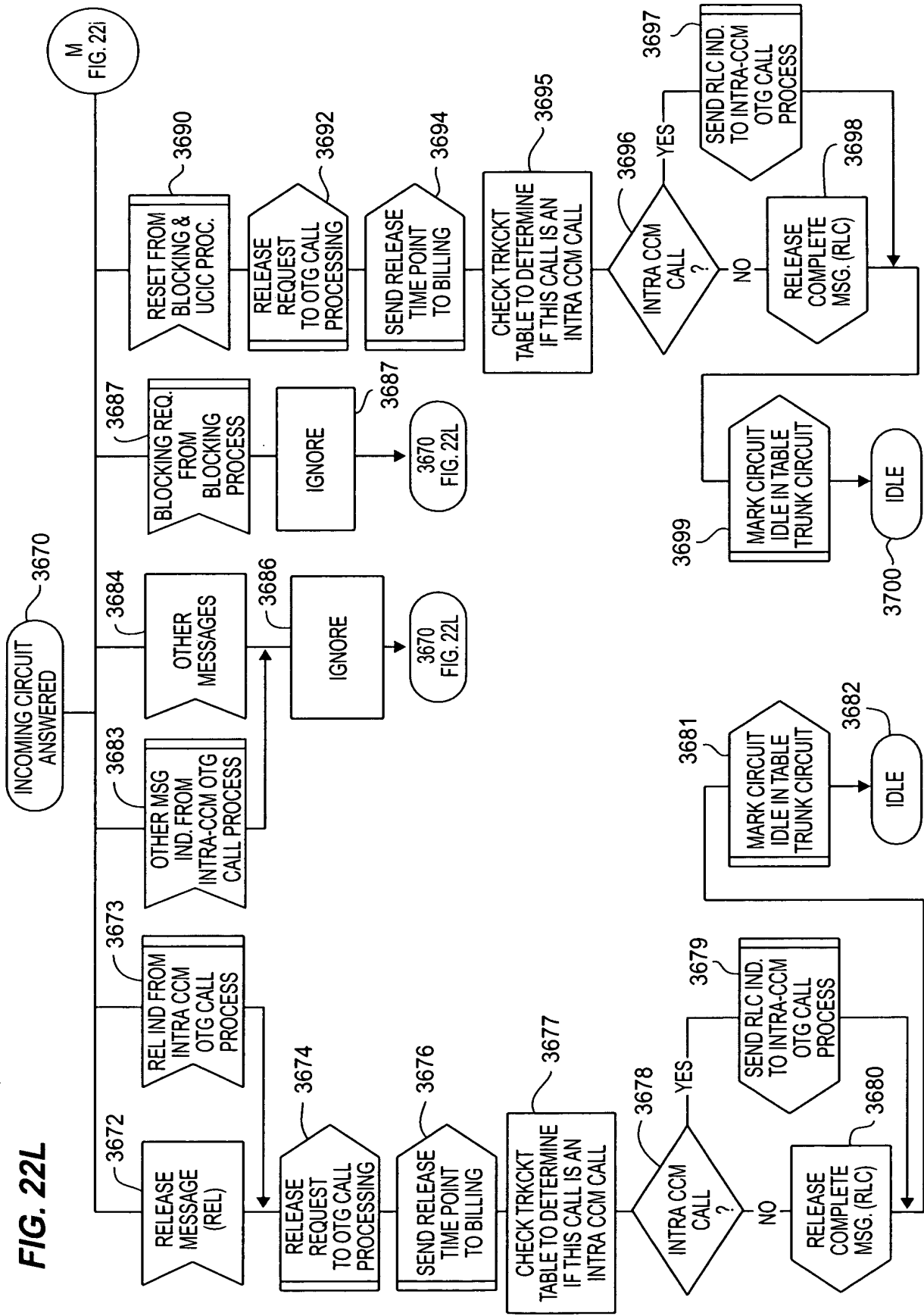


FIG. 22K

FIG. 22L



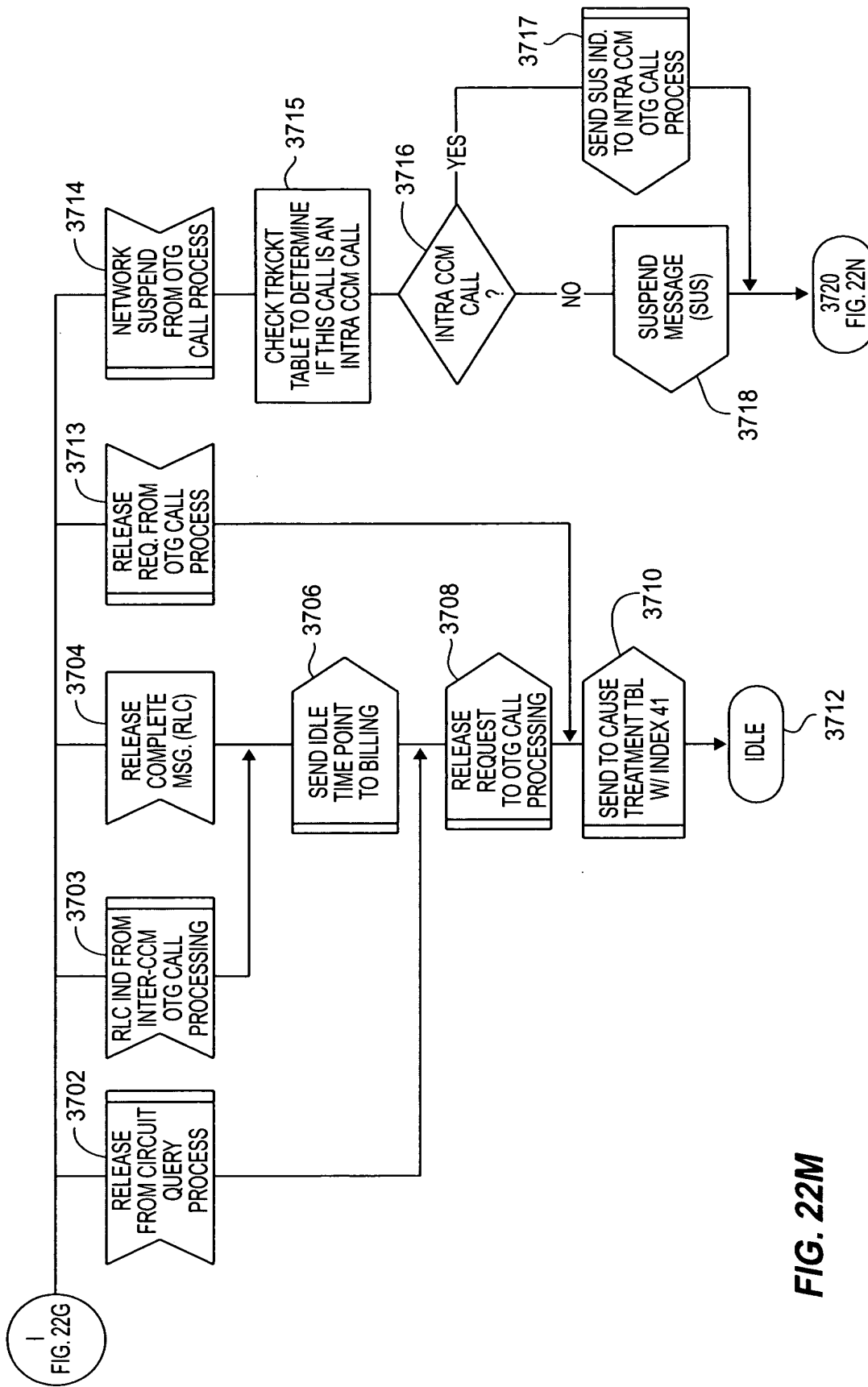
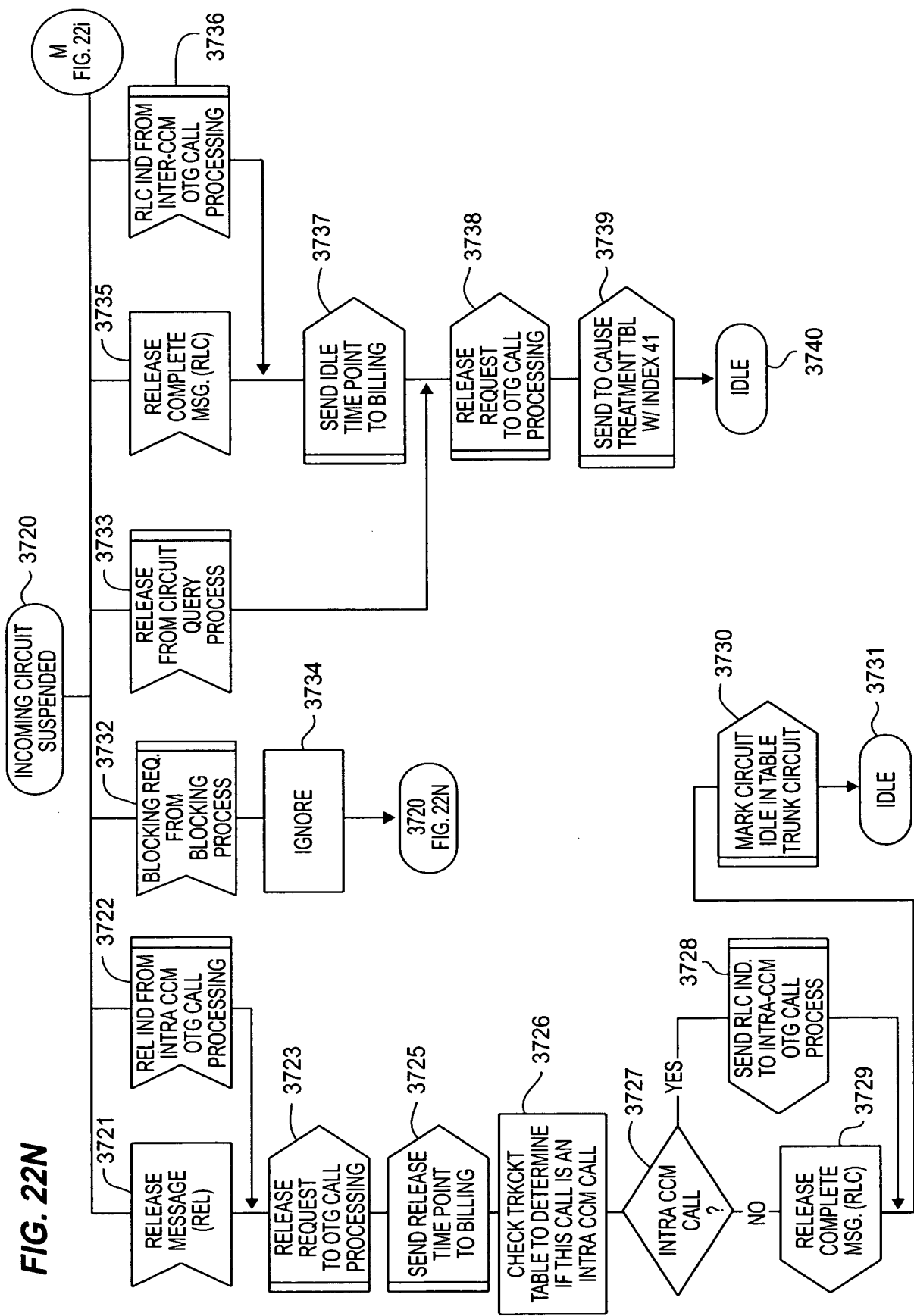


FIG. 22M

**FIG. 22N**



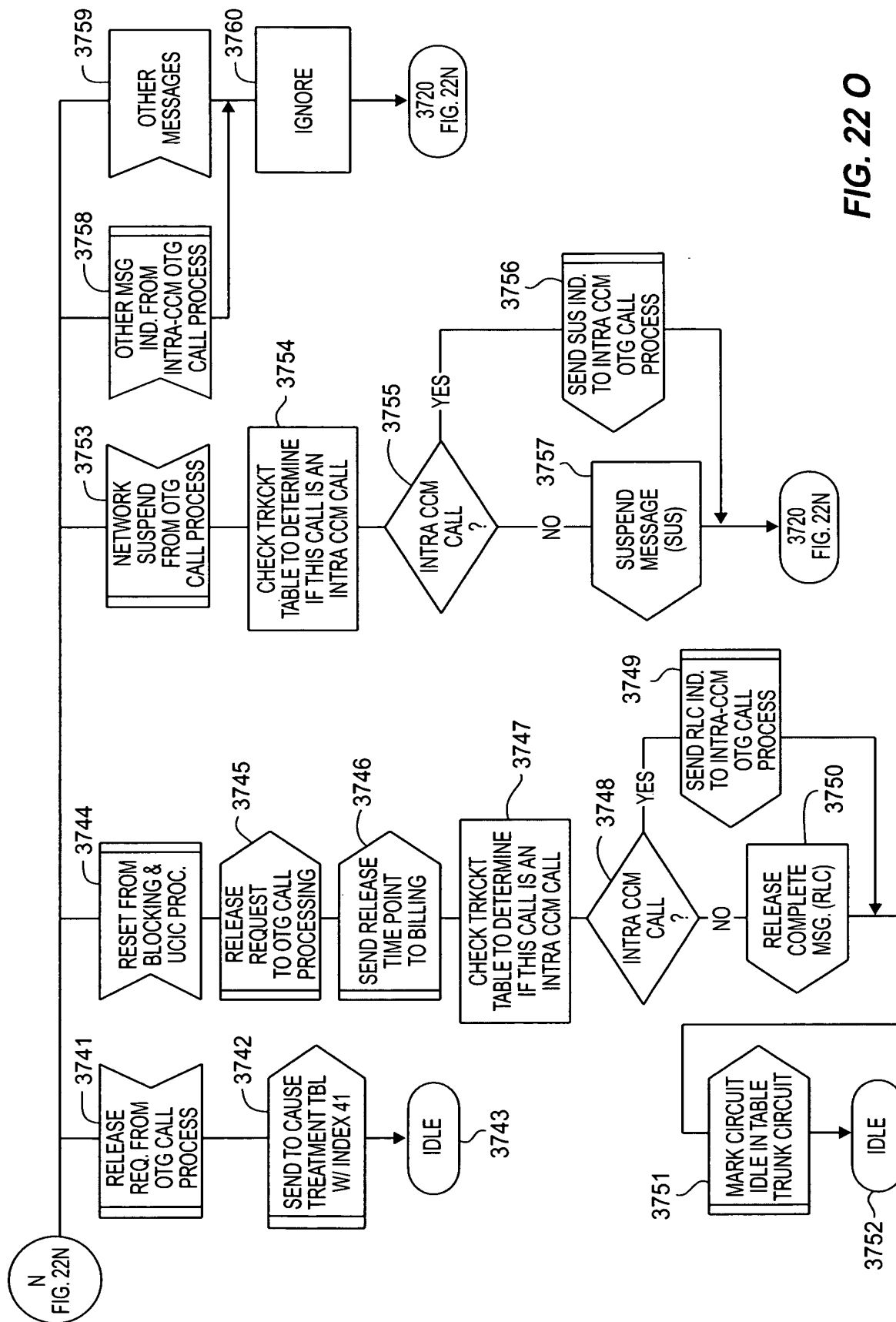
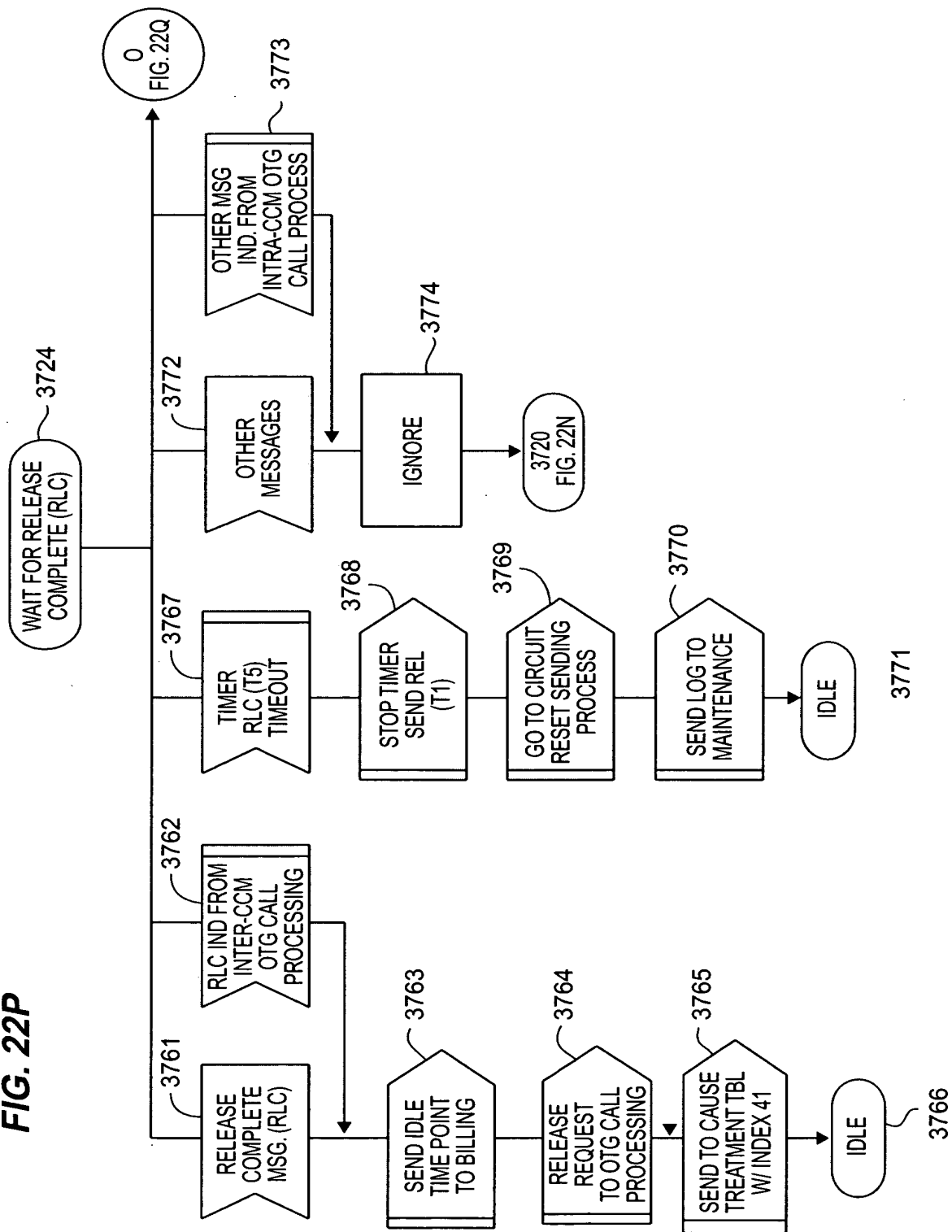


FIG. 22P





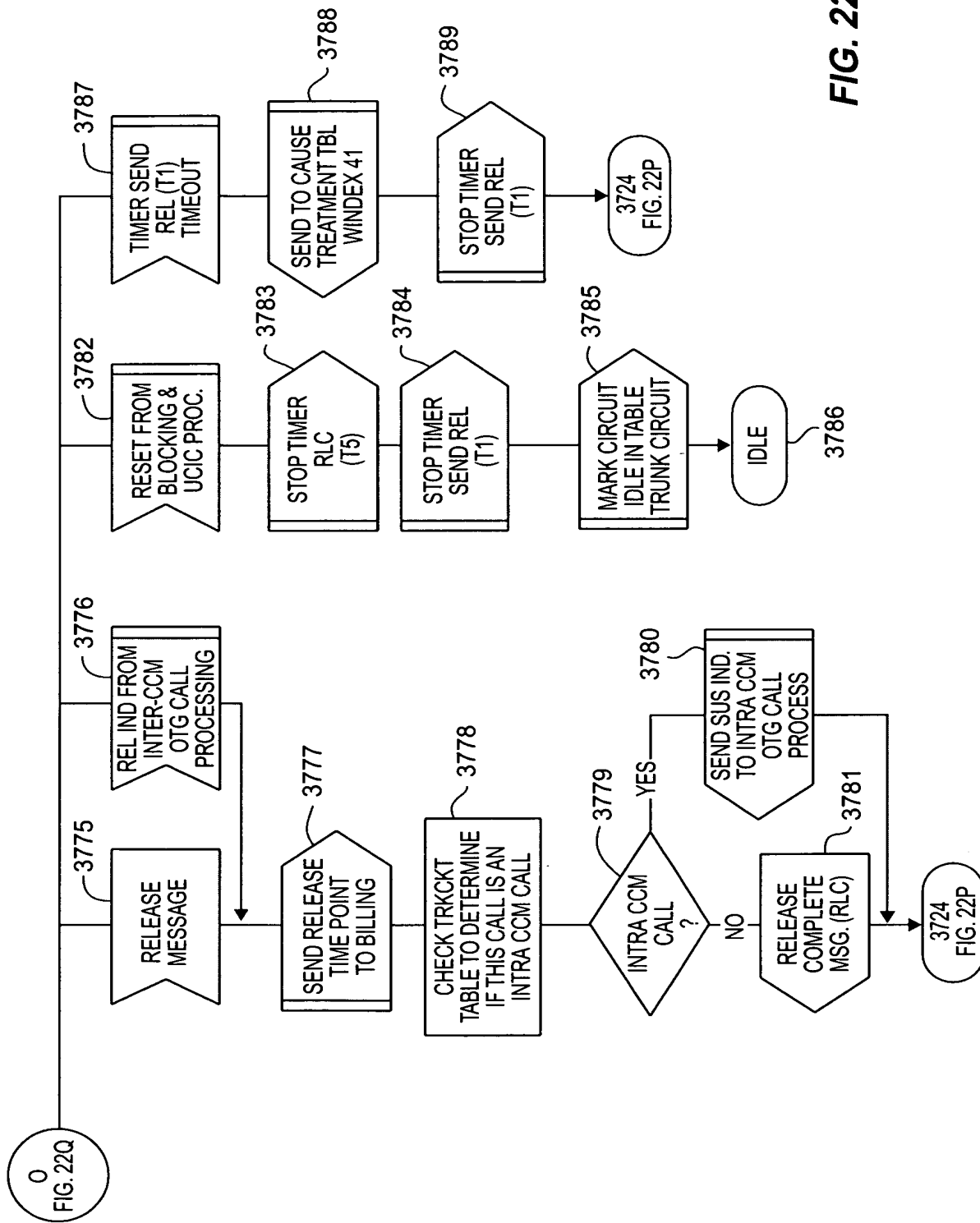
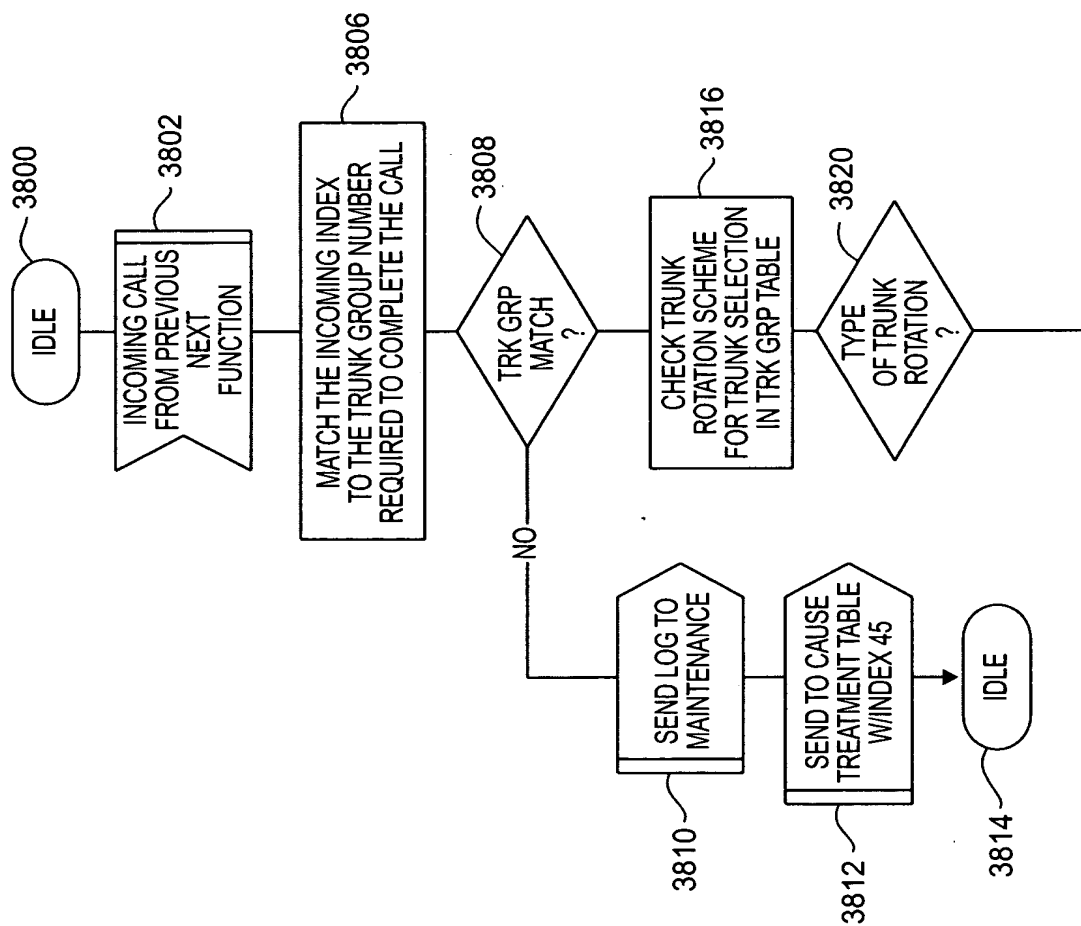


FIG. 22Q

FIG. 23A



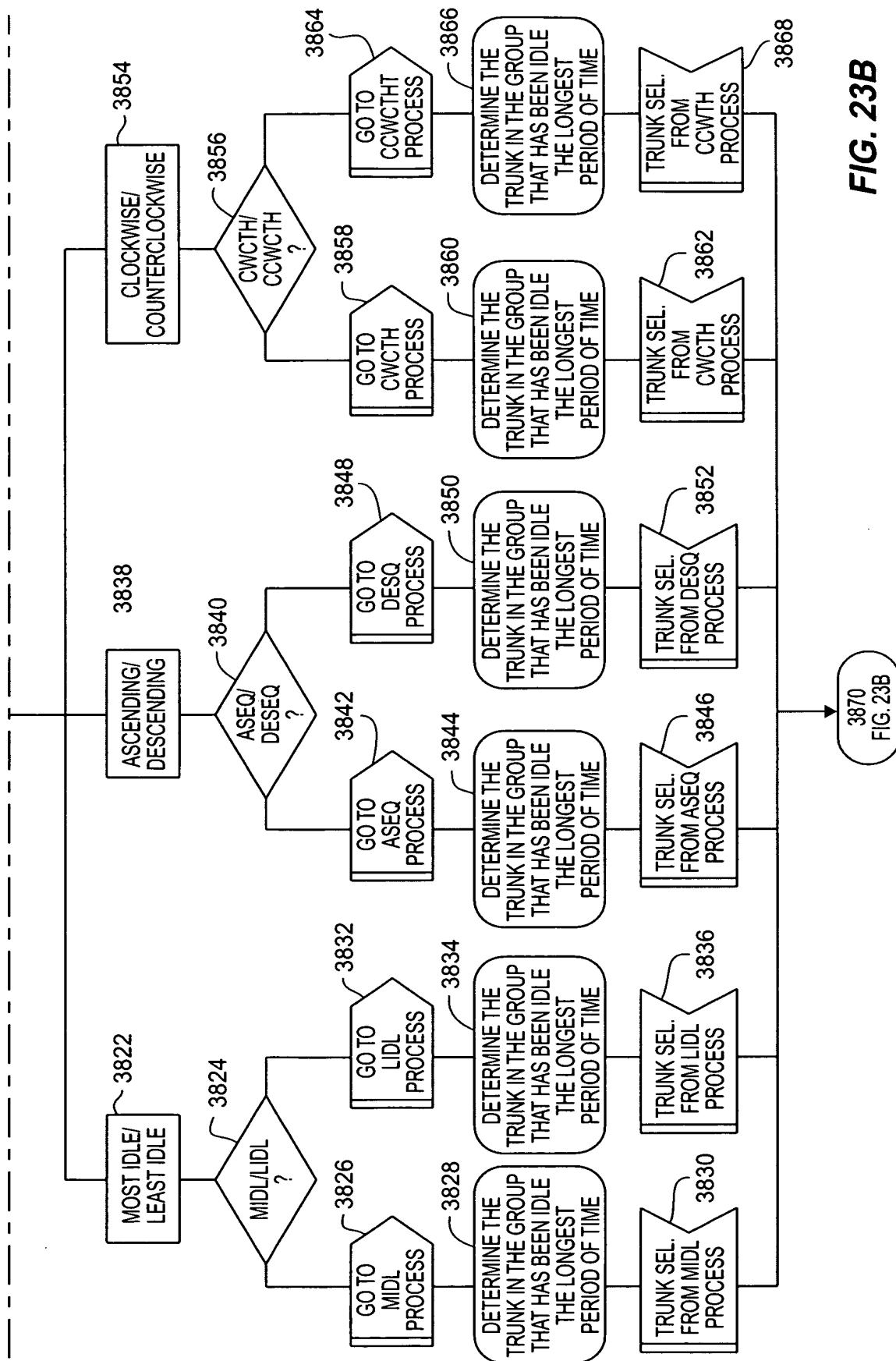


FIG. 23B

FIG. 23C

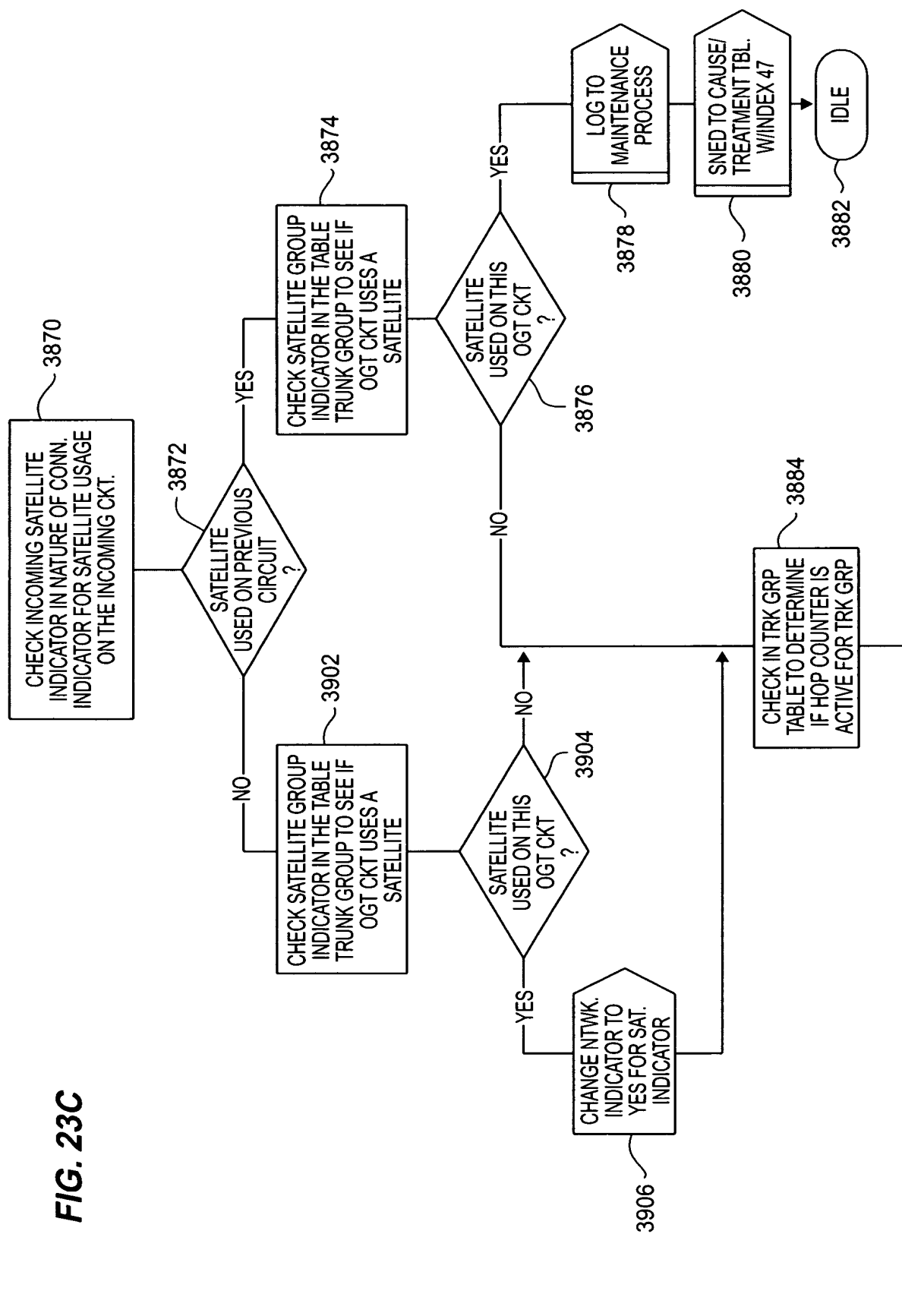


FIG. 23D

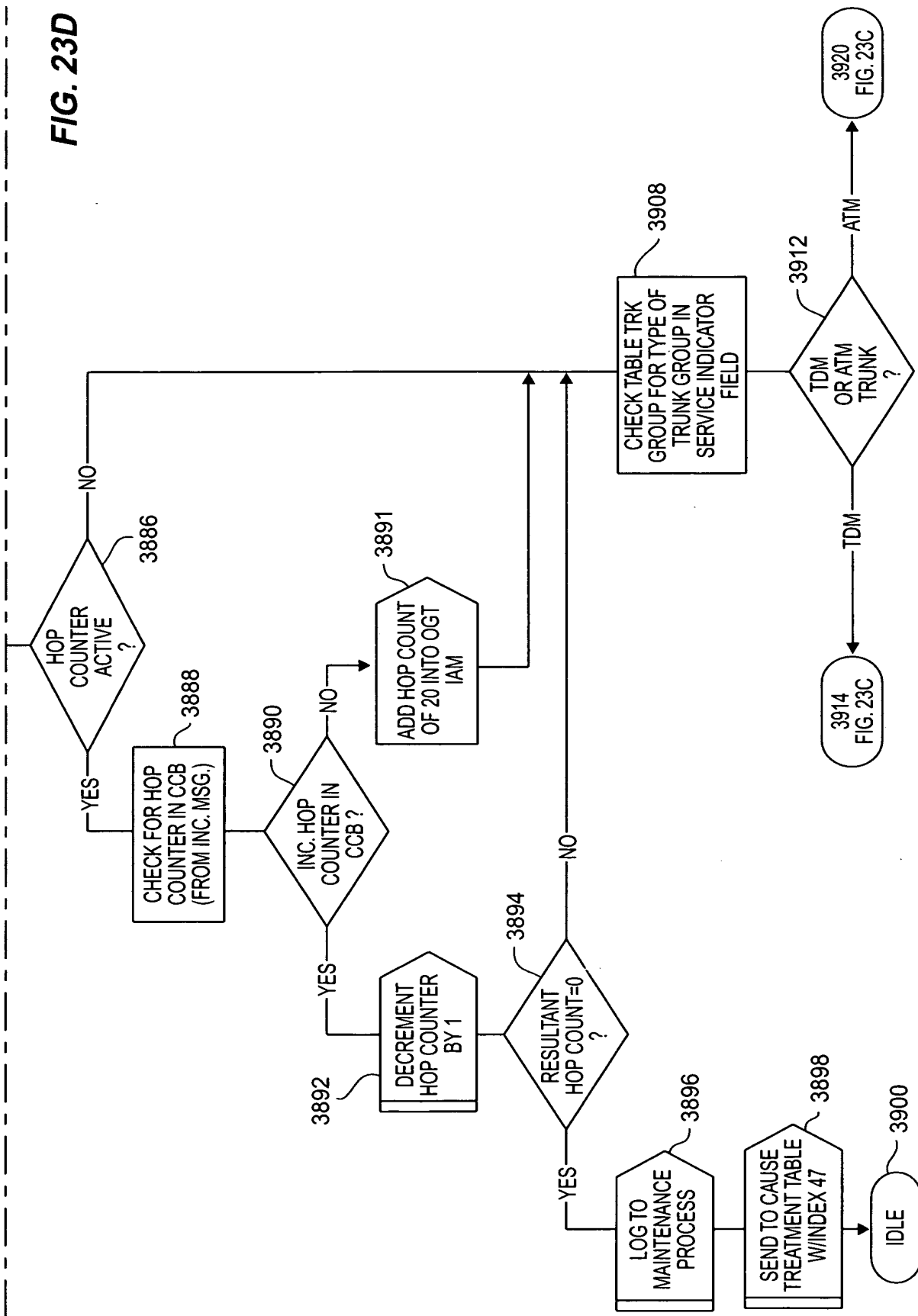
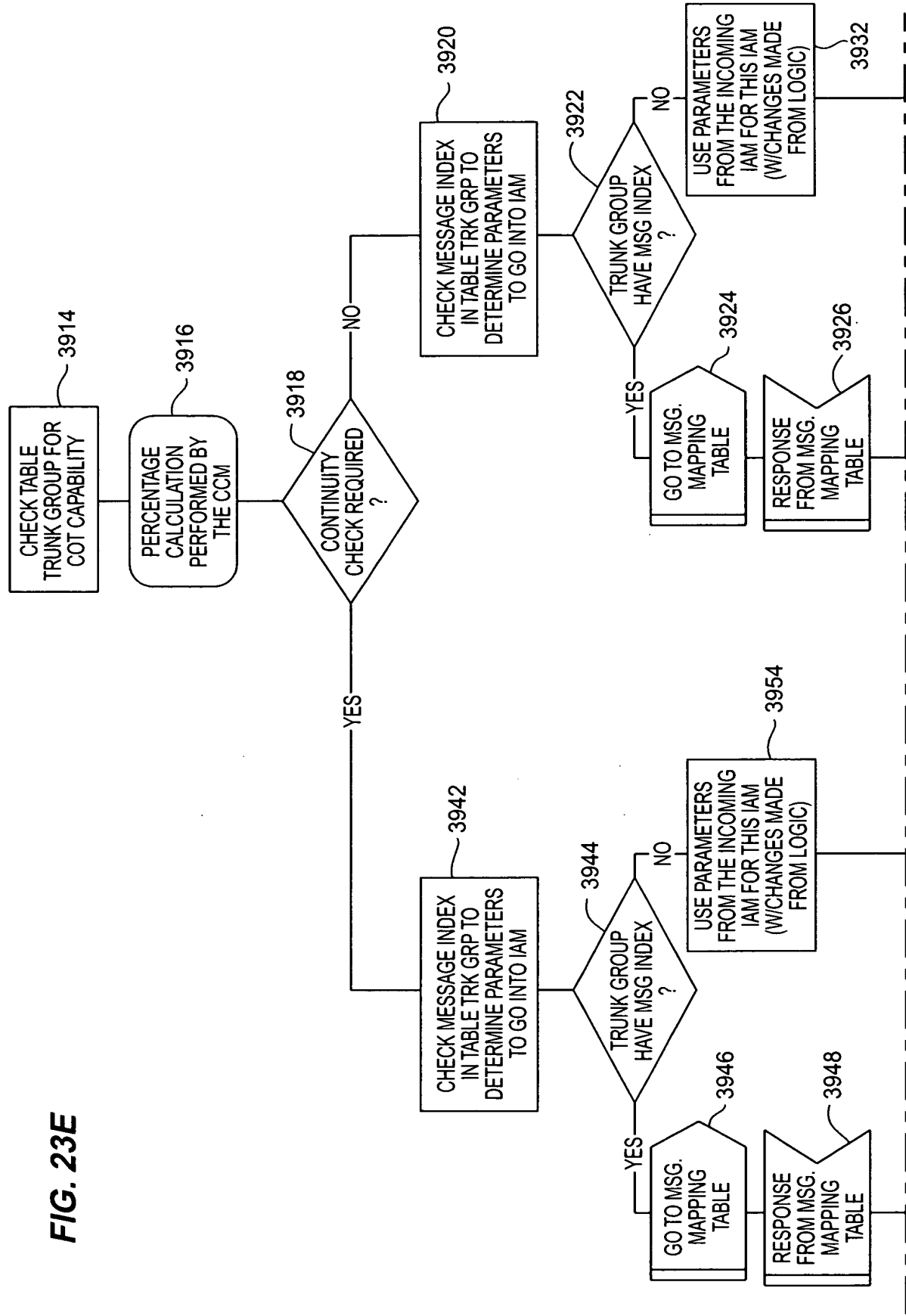


FIG. 23E



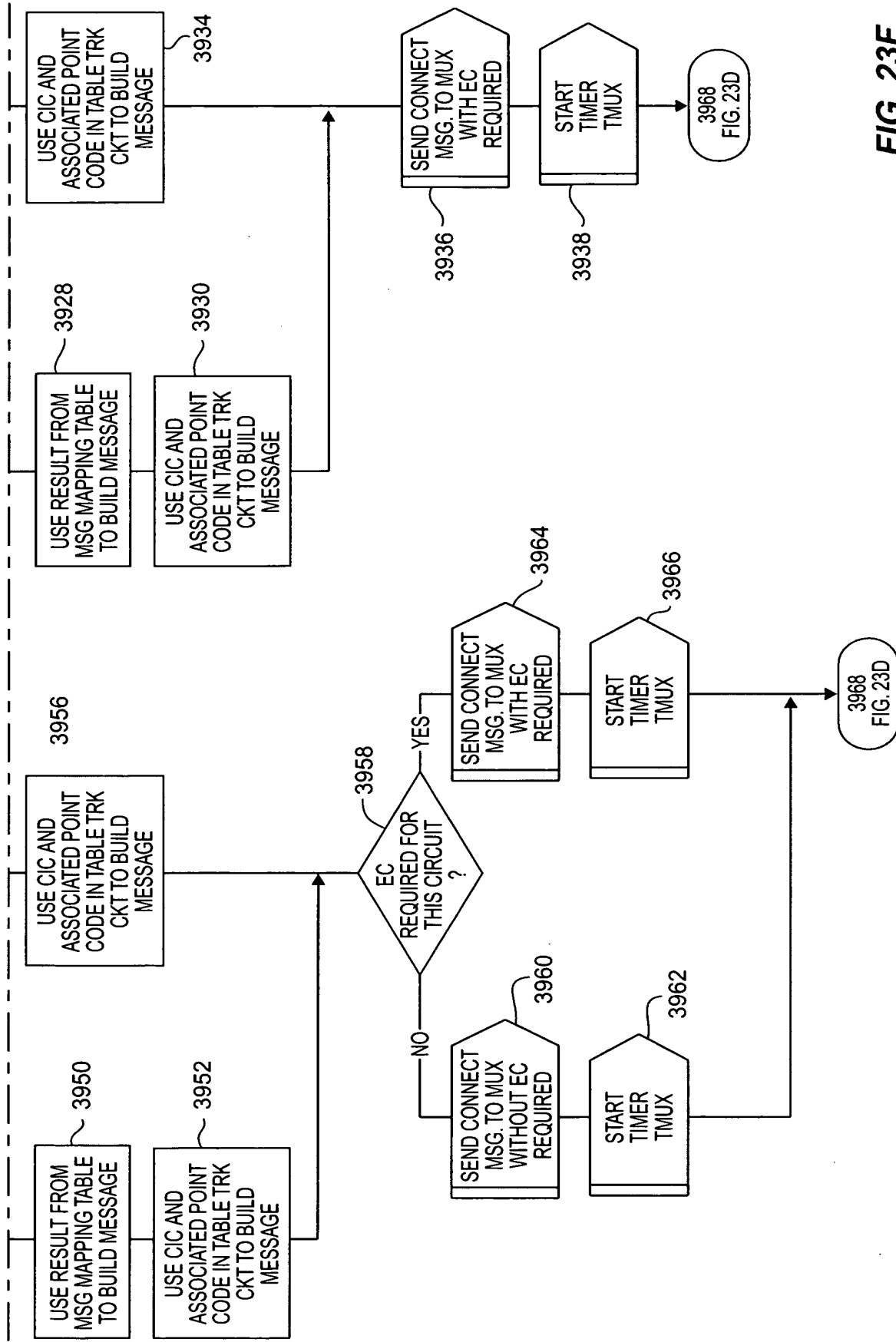
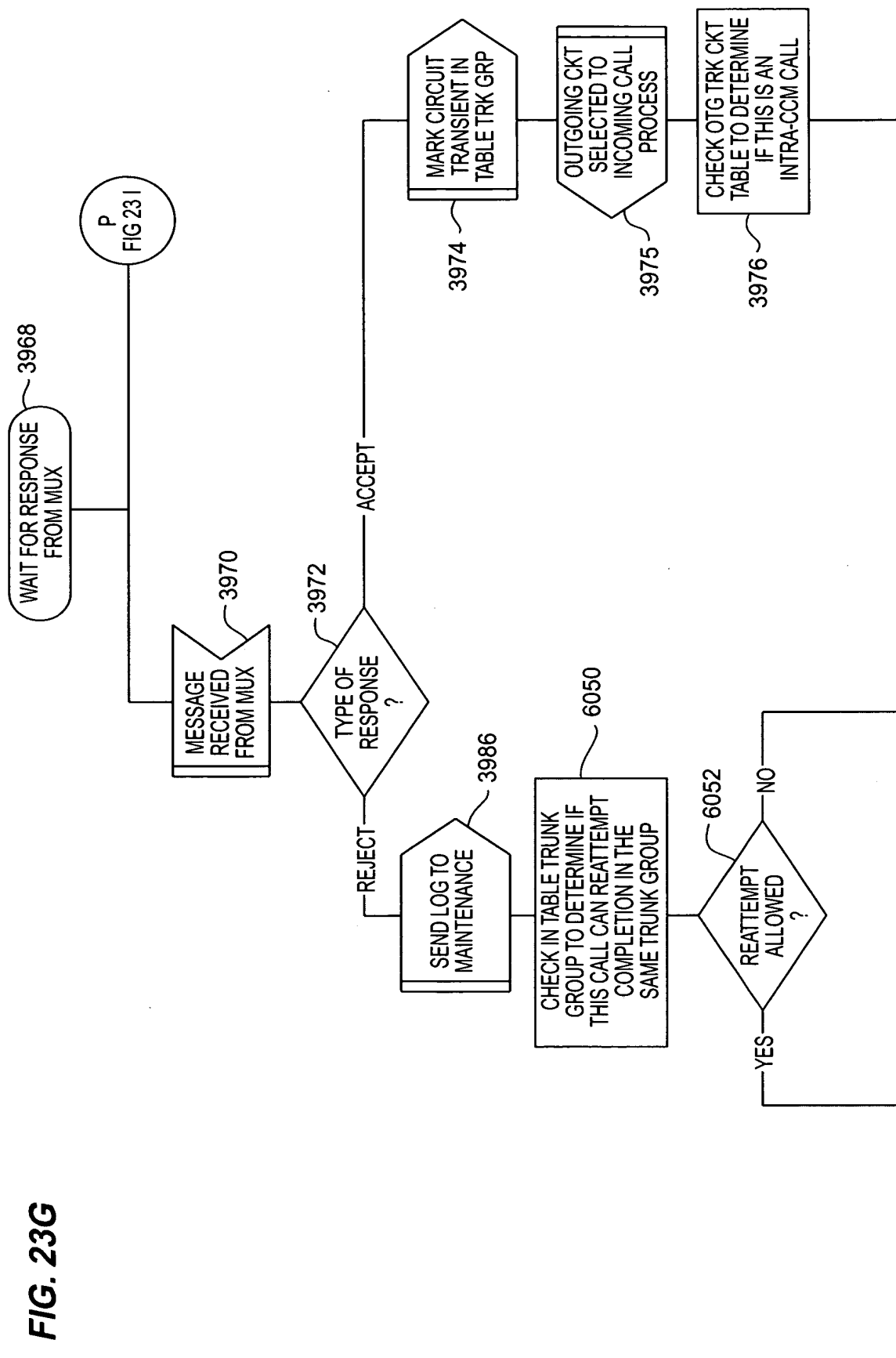


FIG. 23F

FIG. 23G





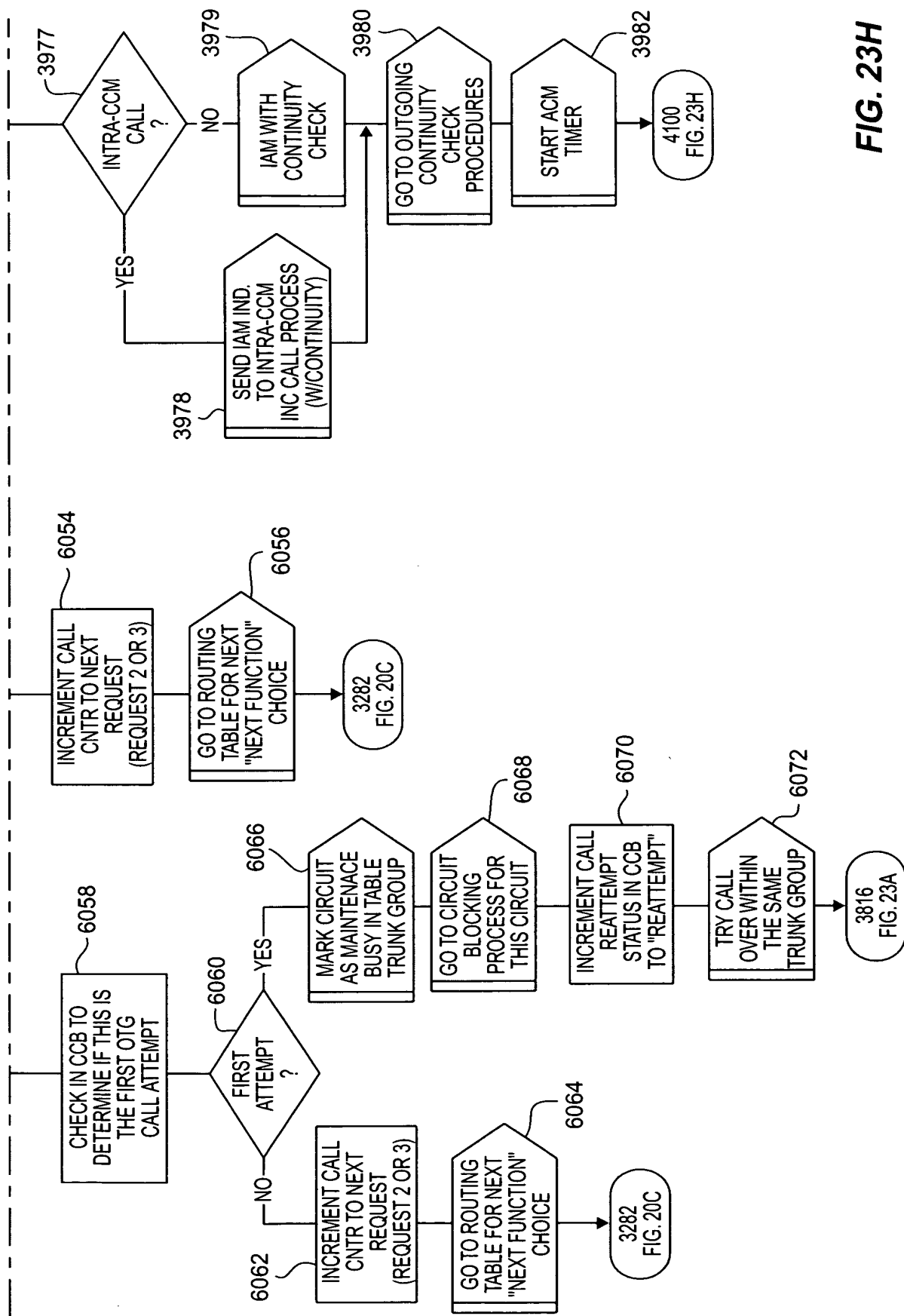


FIG. 23H

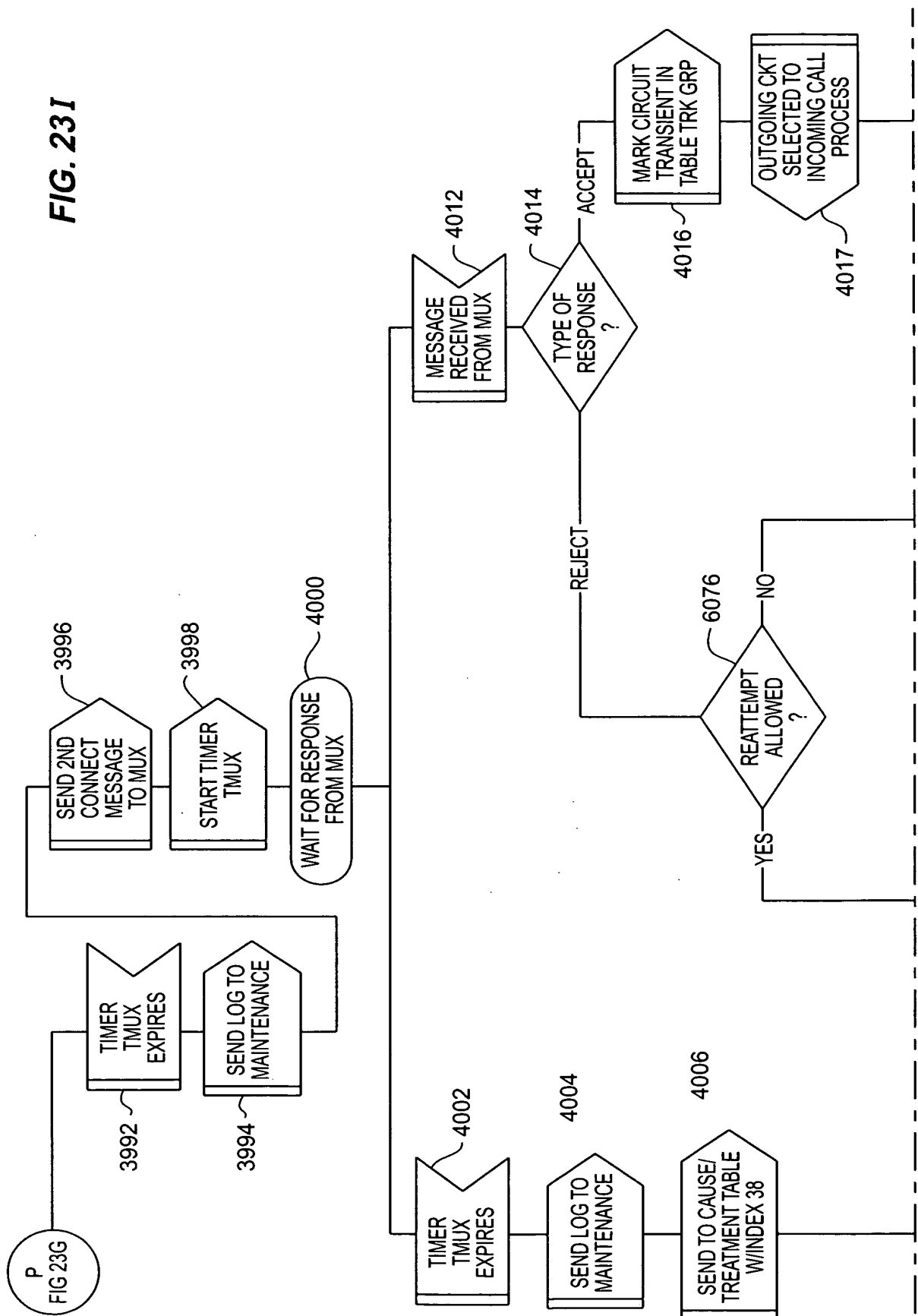


FIG. 231

FIG. 231

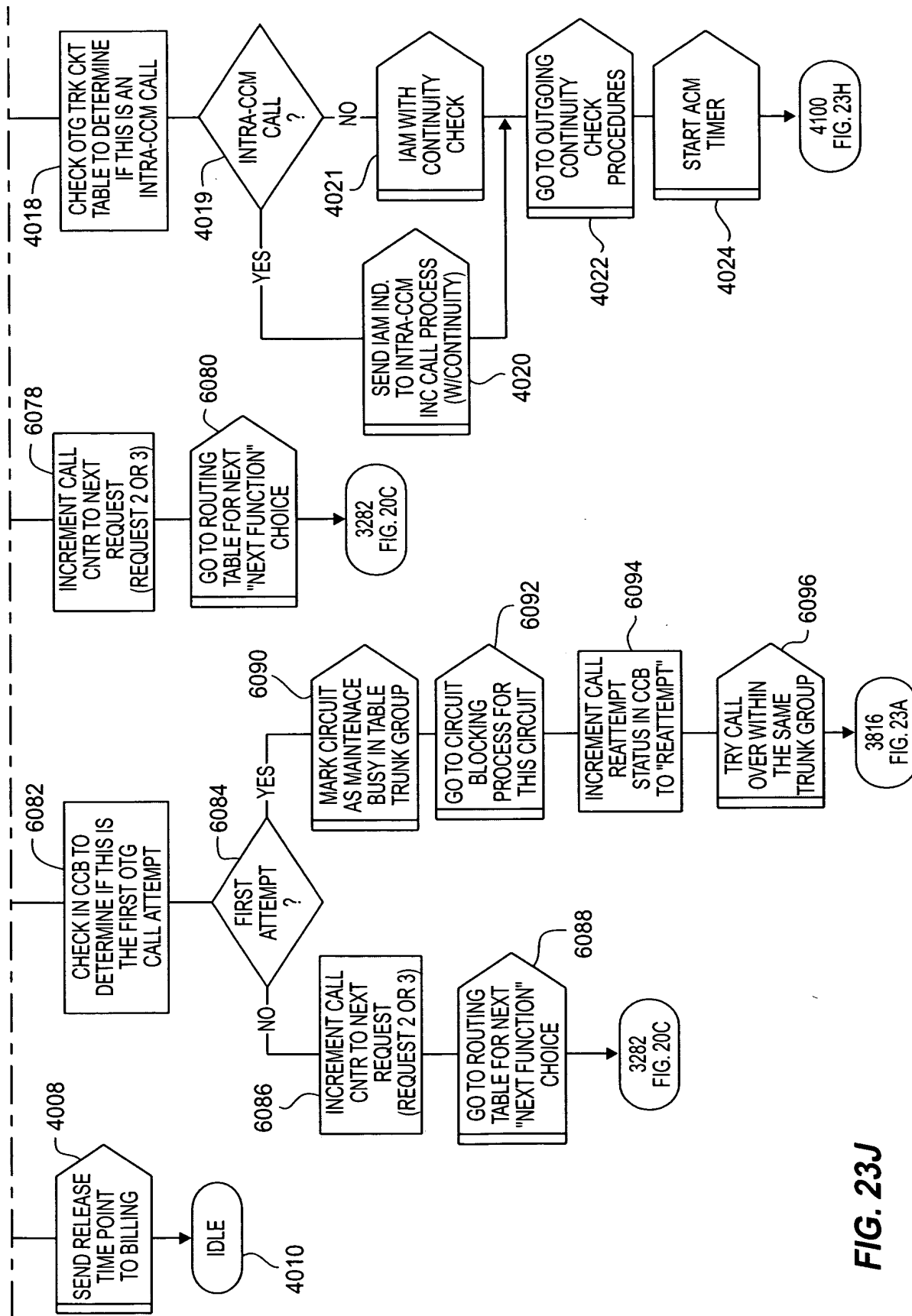
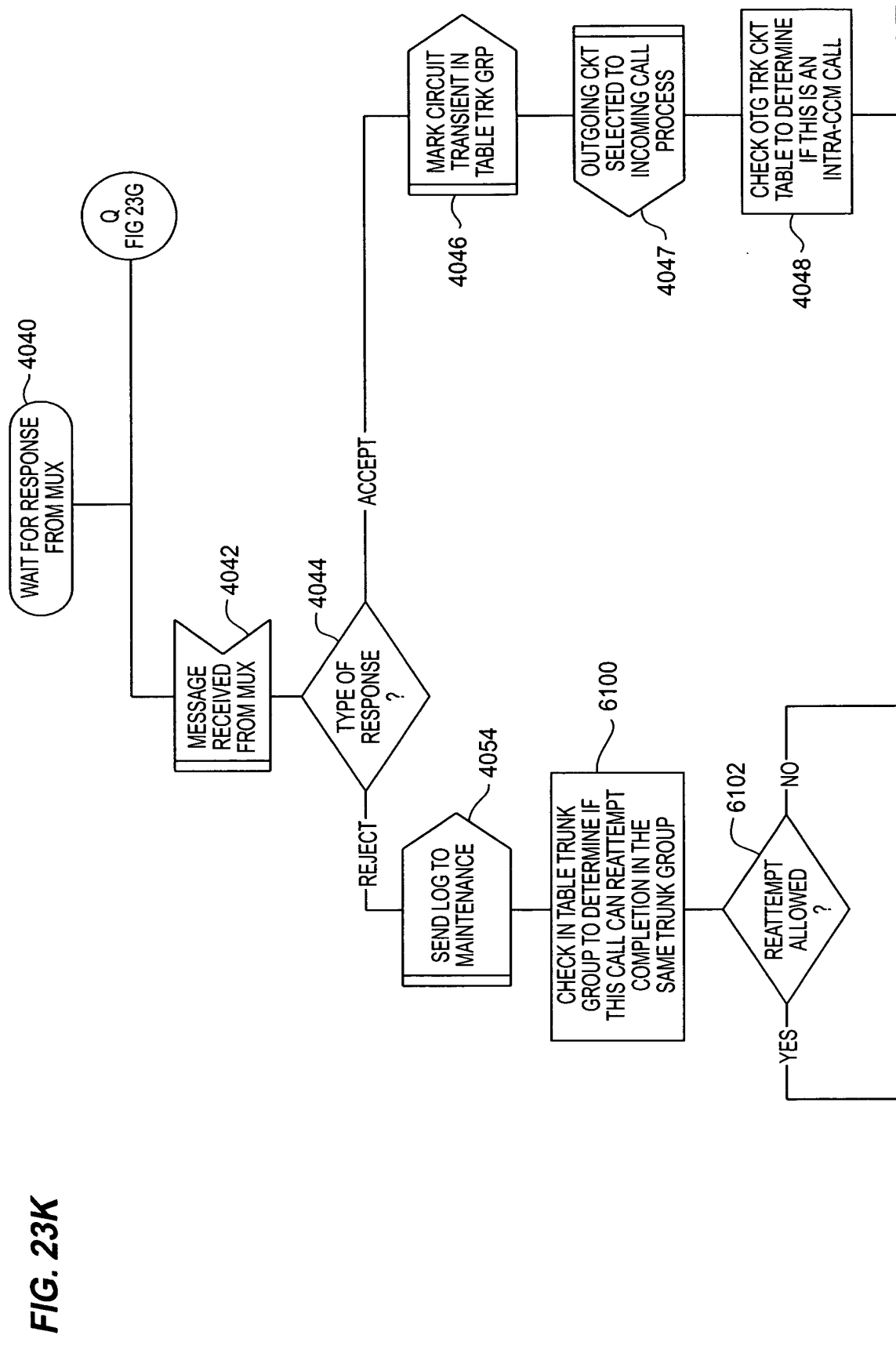


FIG. 23J

FIG. 23K



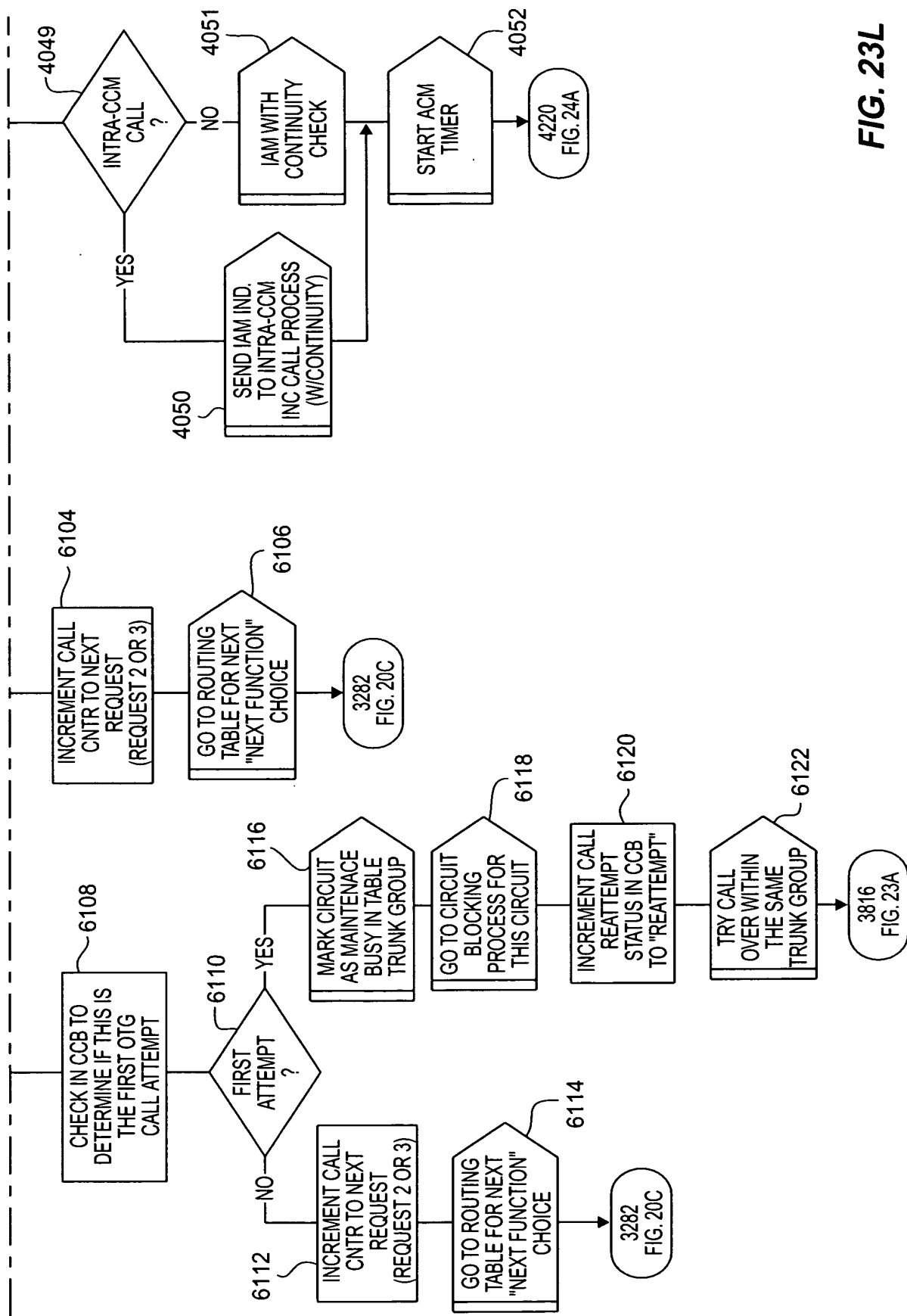
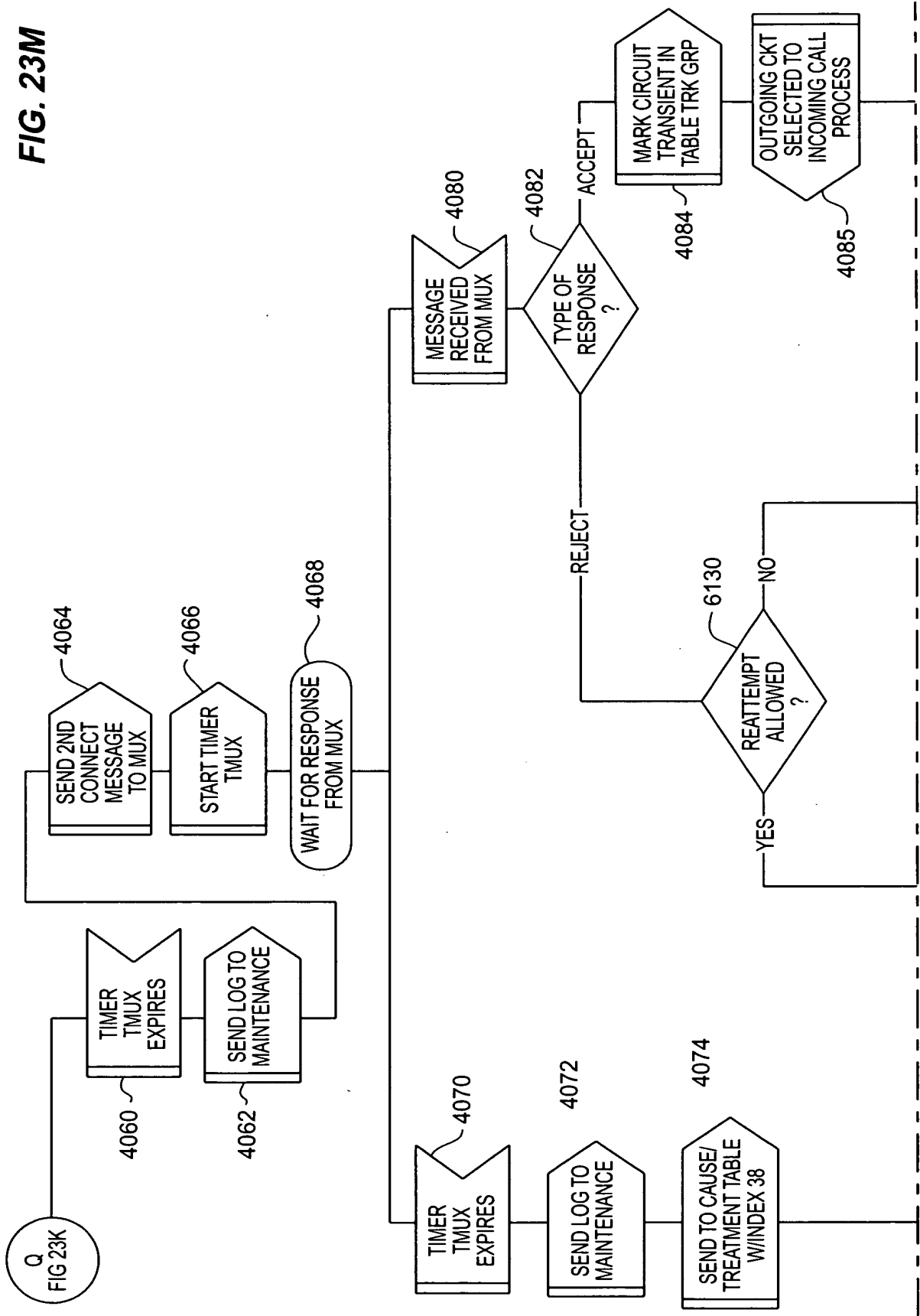


FIG. 23L

FIG. 23M



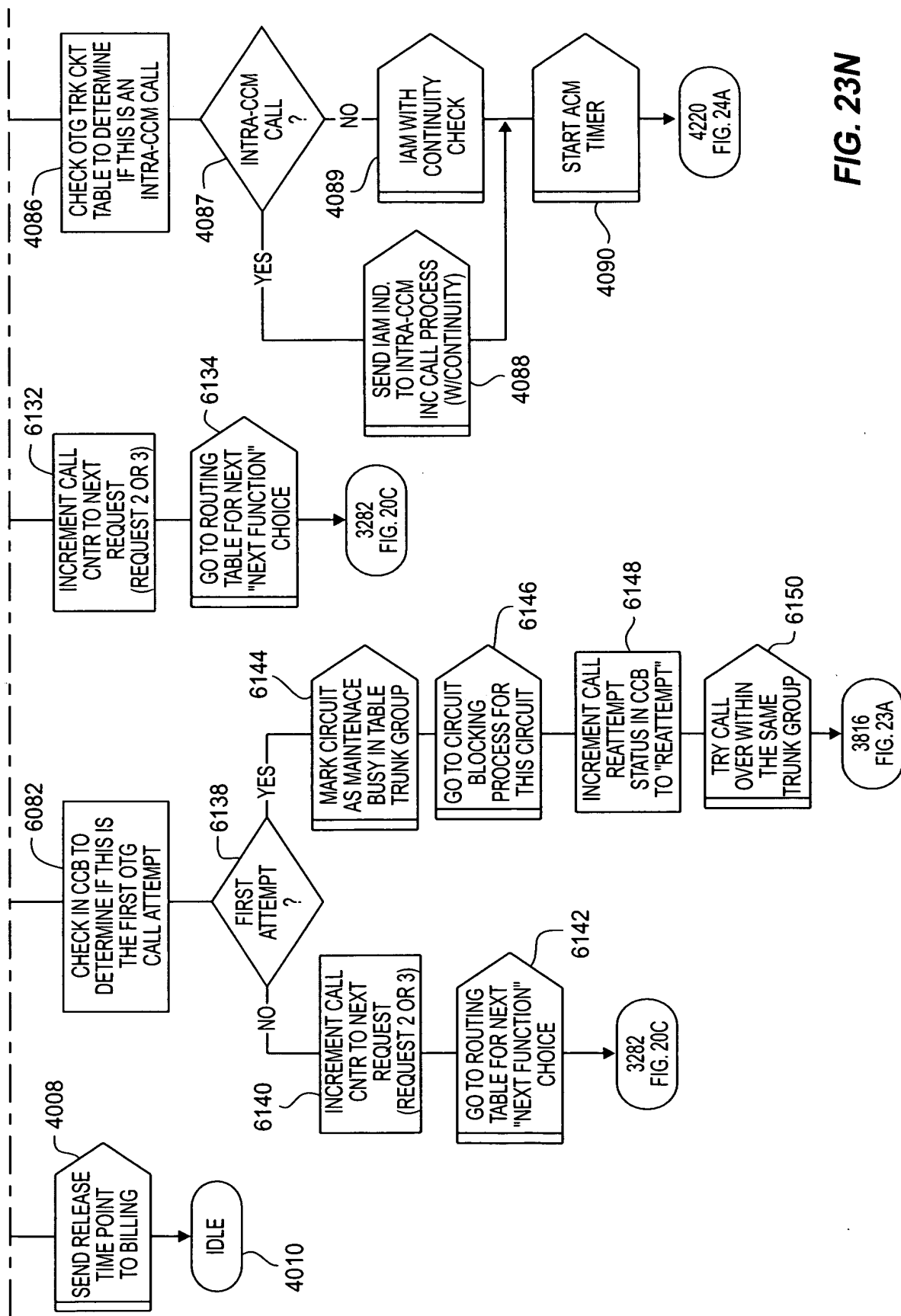
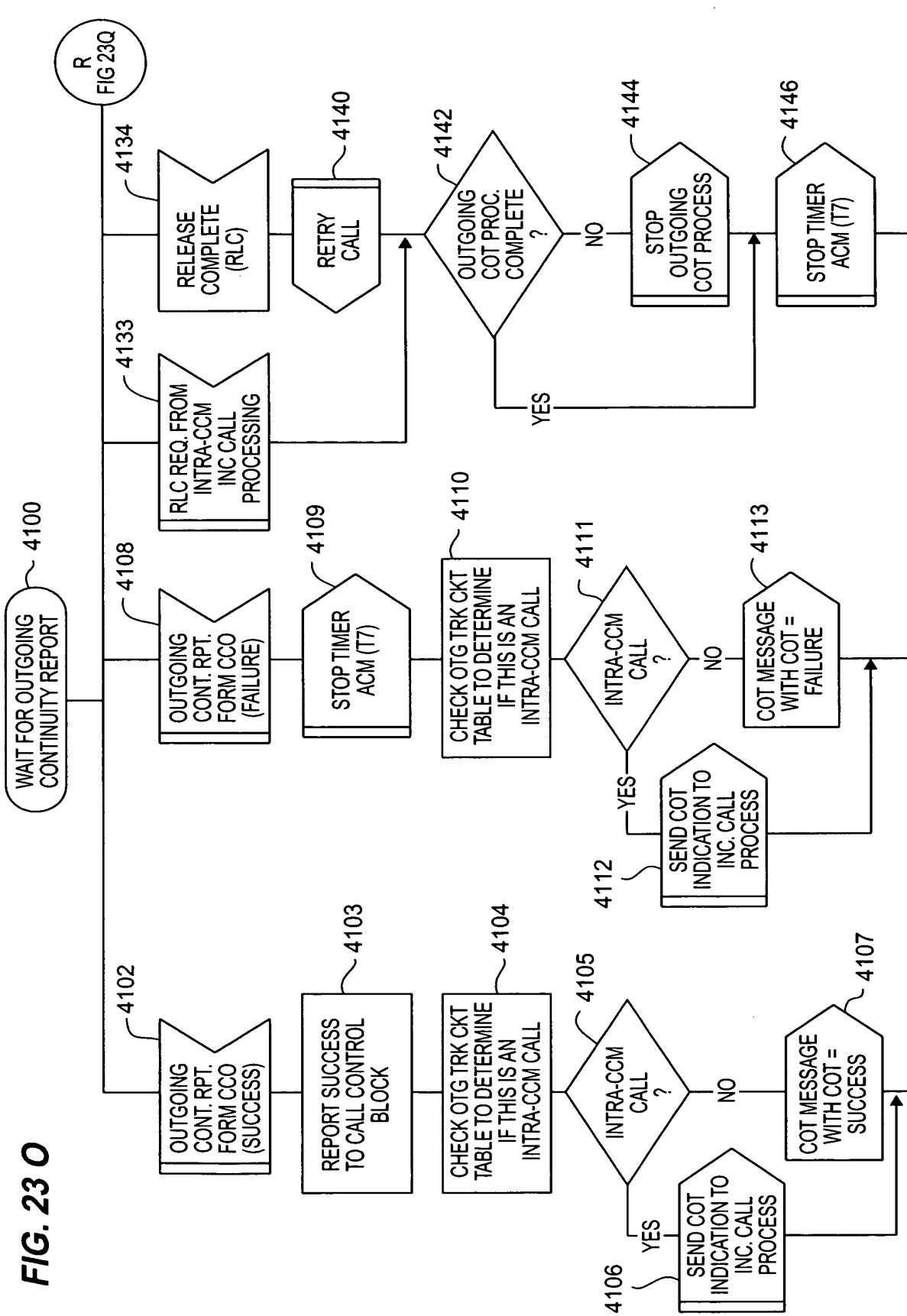


FIG. 23N

FIG. 23 O





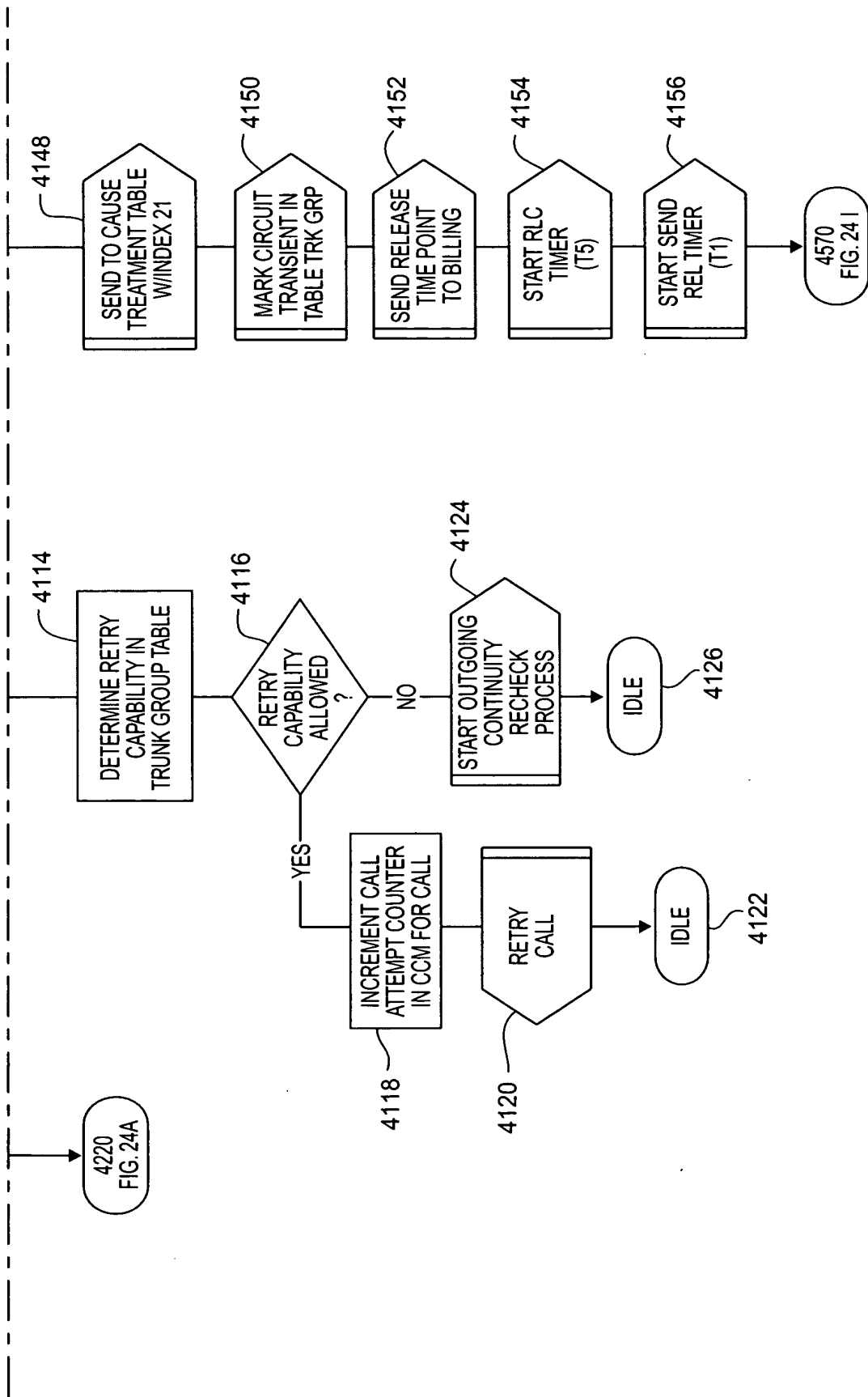
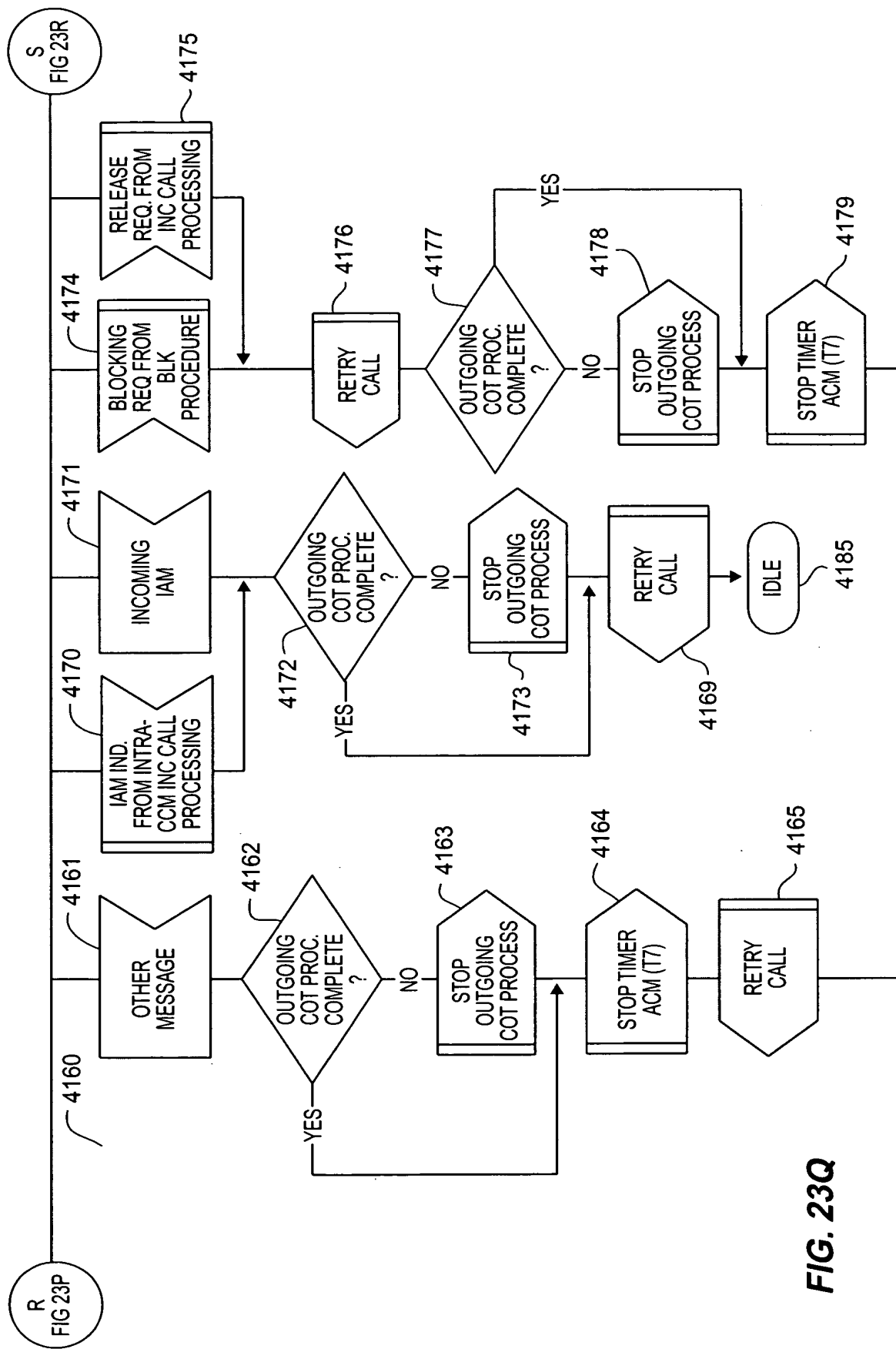


FIG. 23P



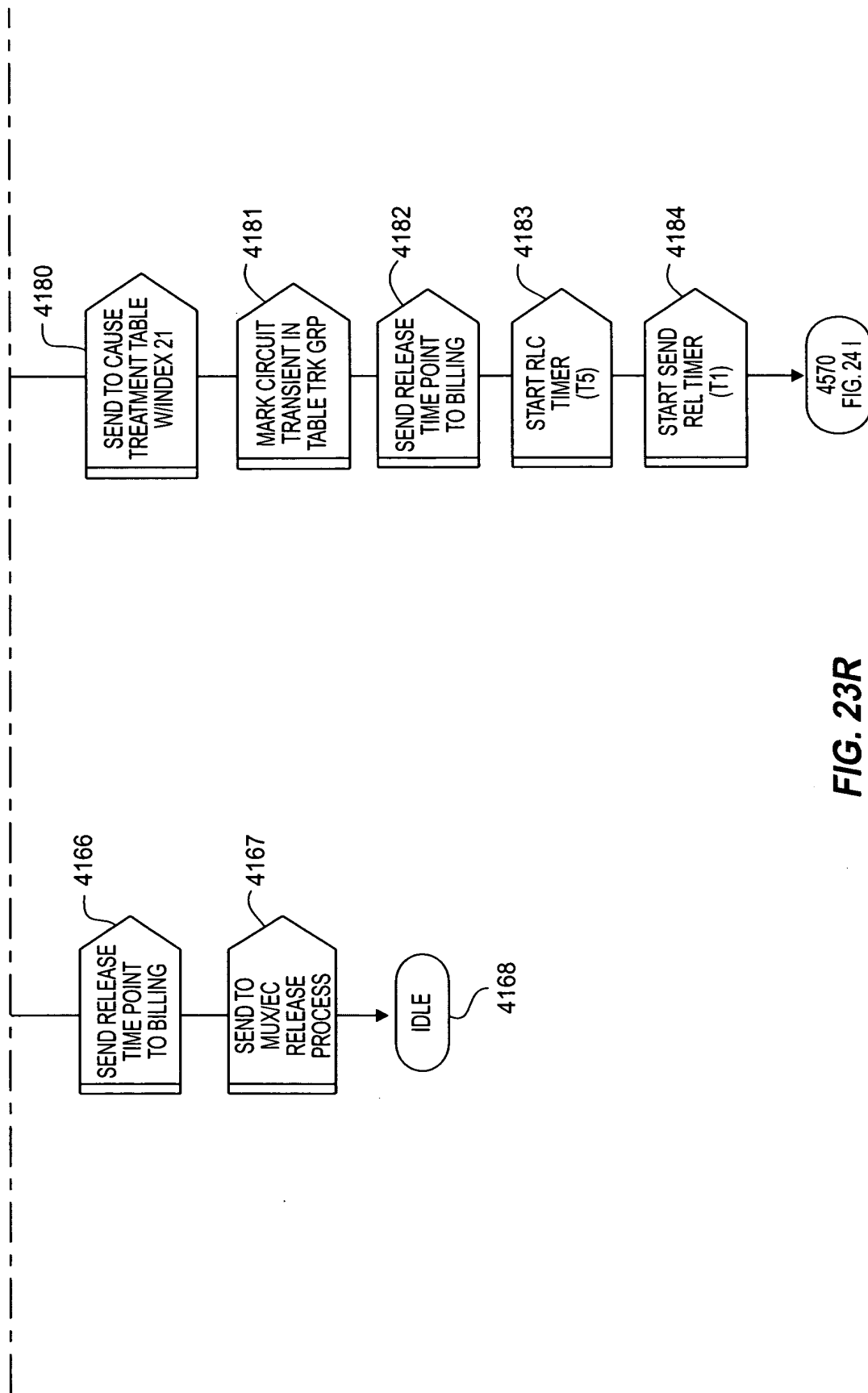
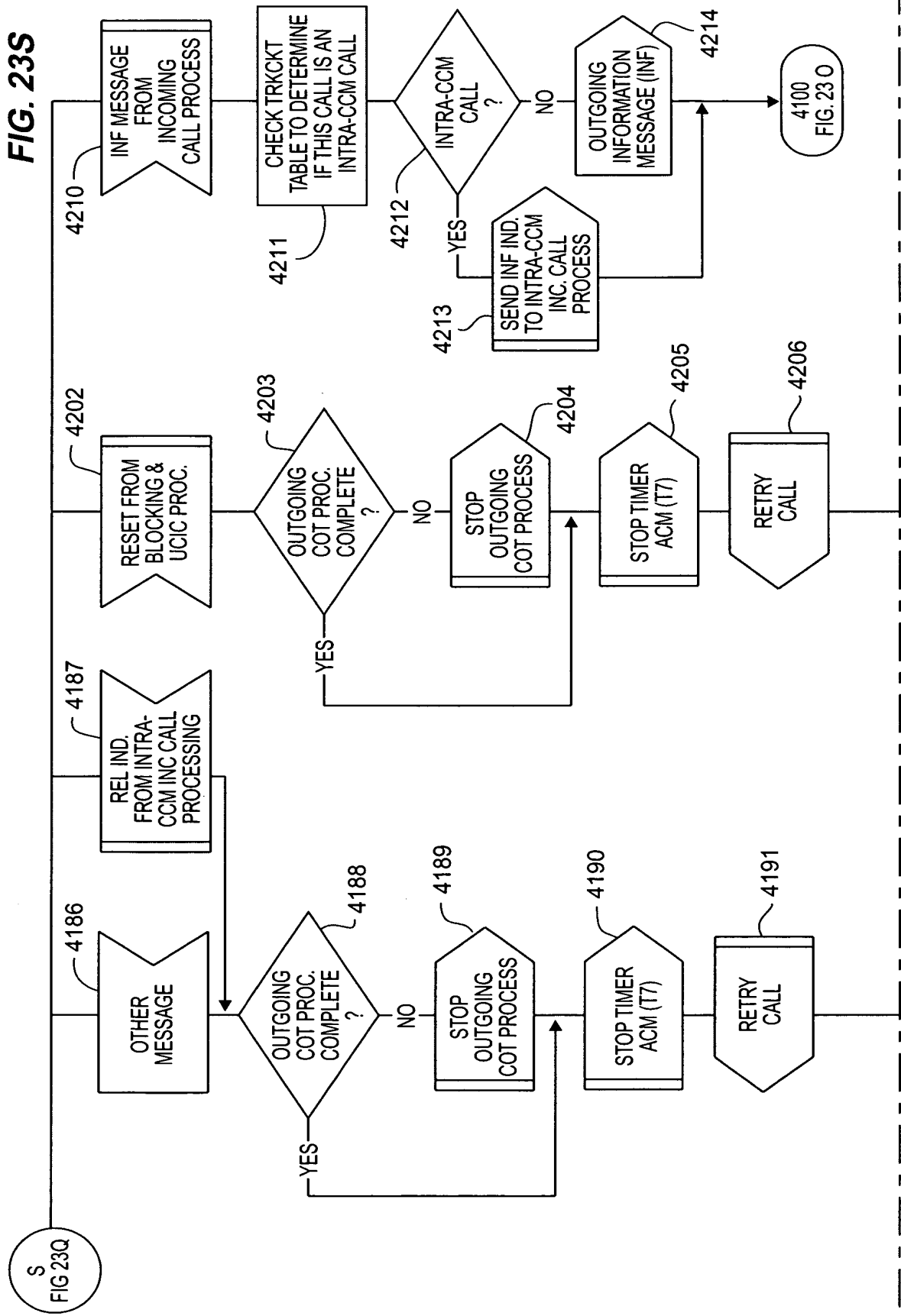


FIG. 23R

FIG. 23S



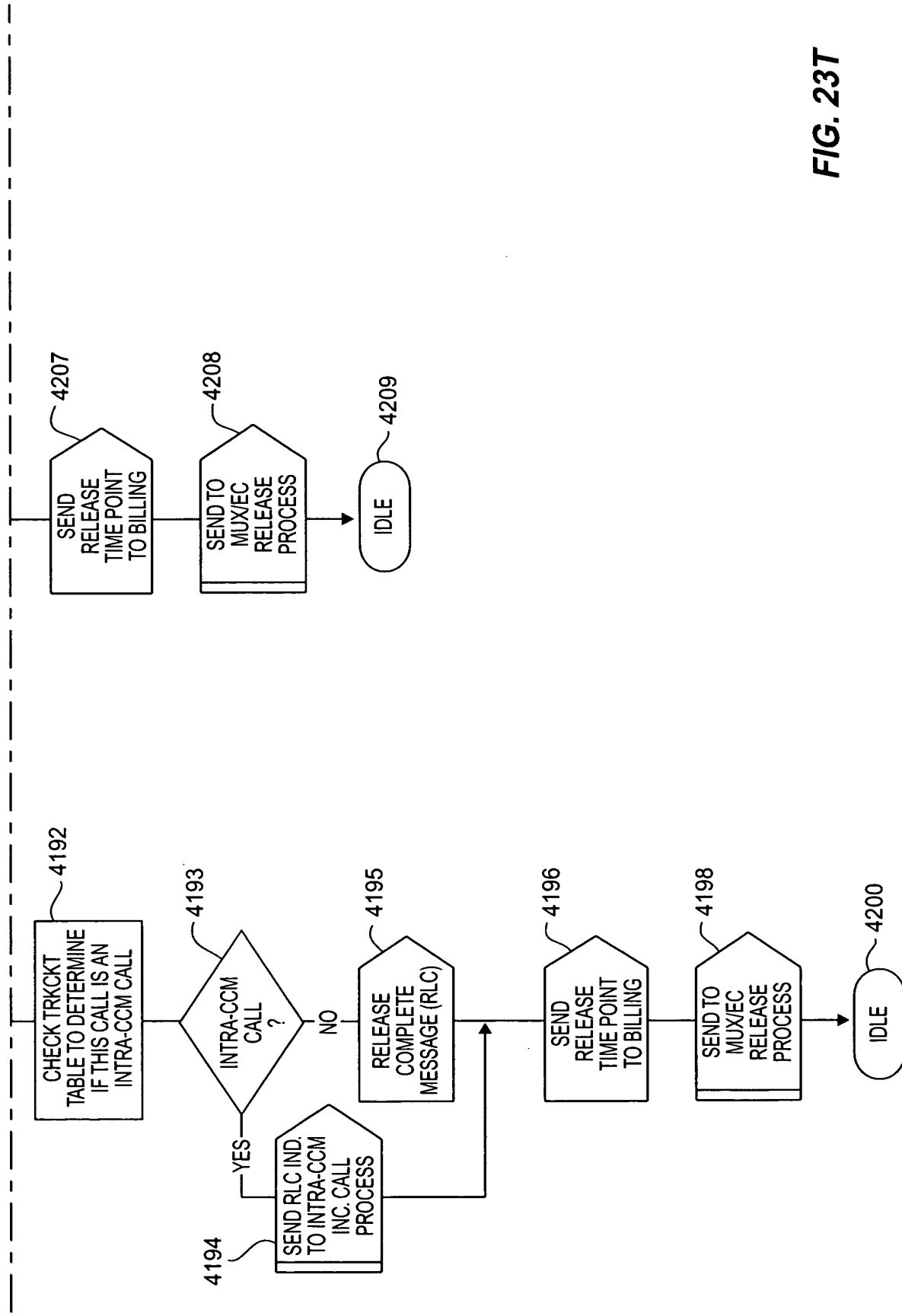


FIG. 23T

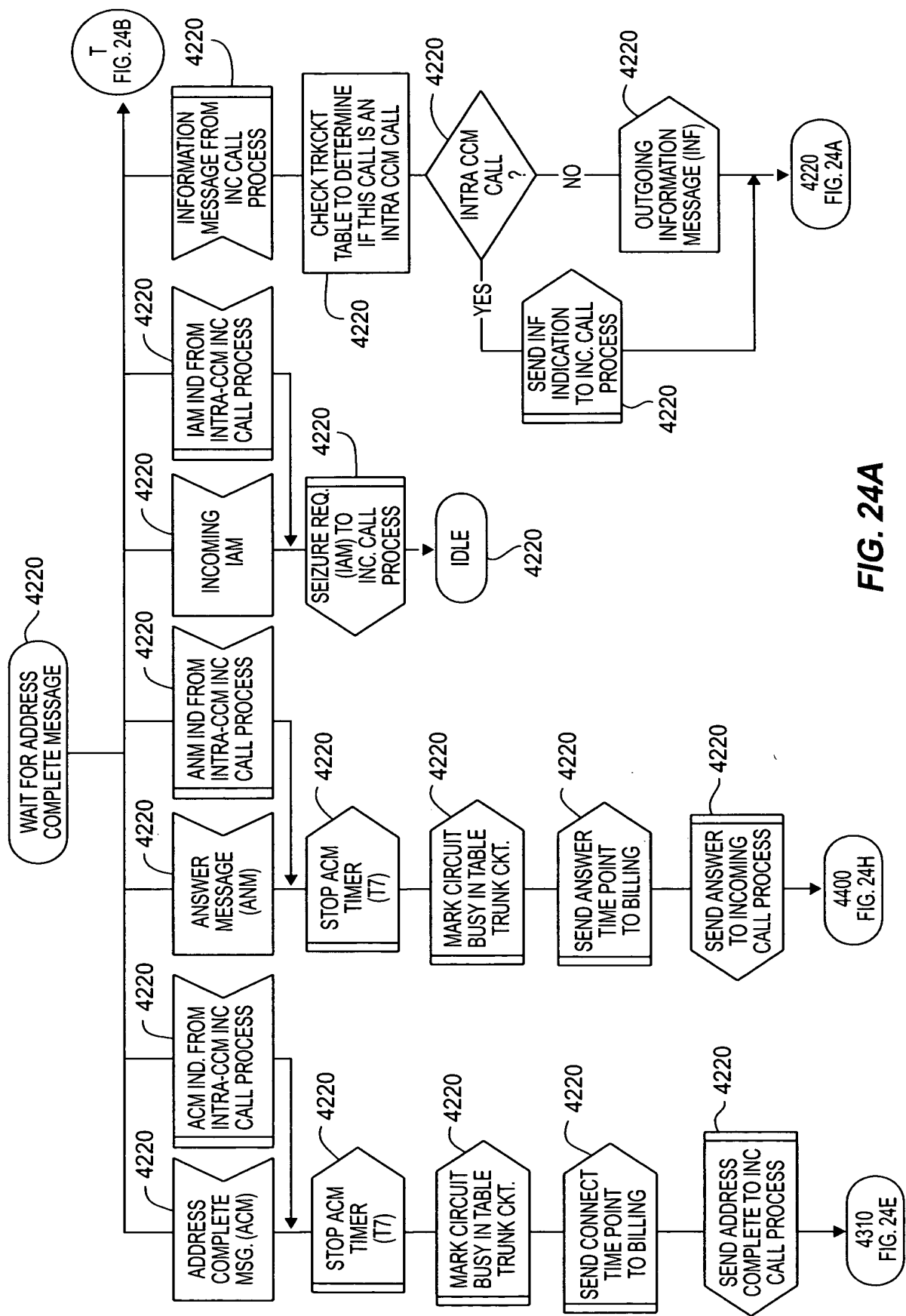


FIG. 24A

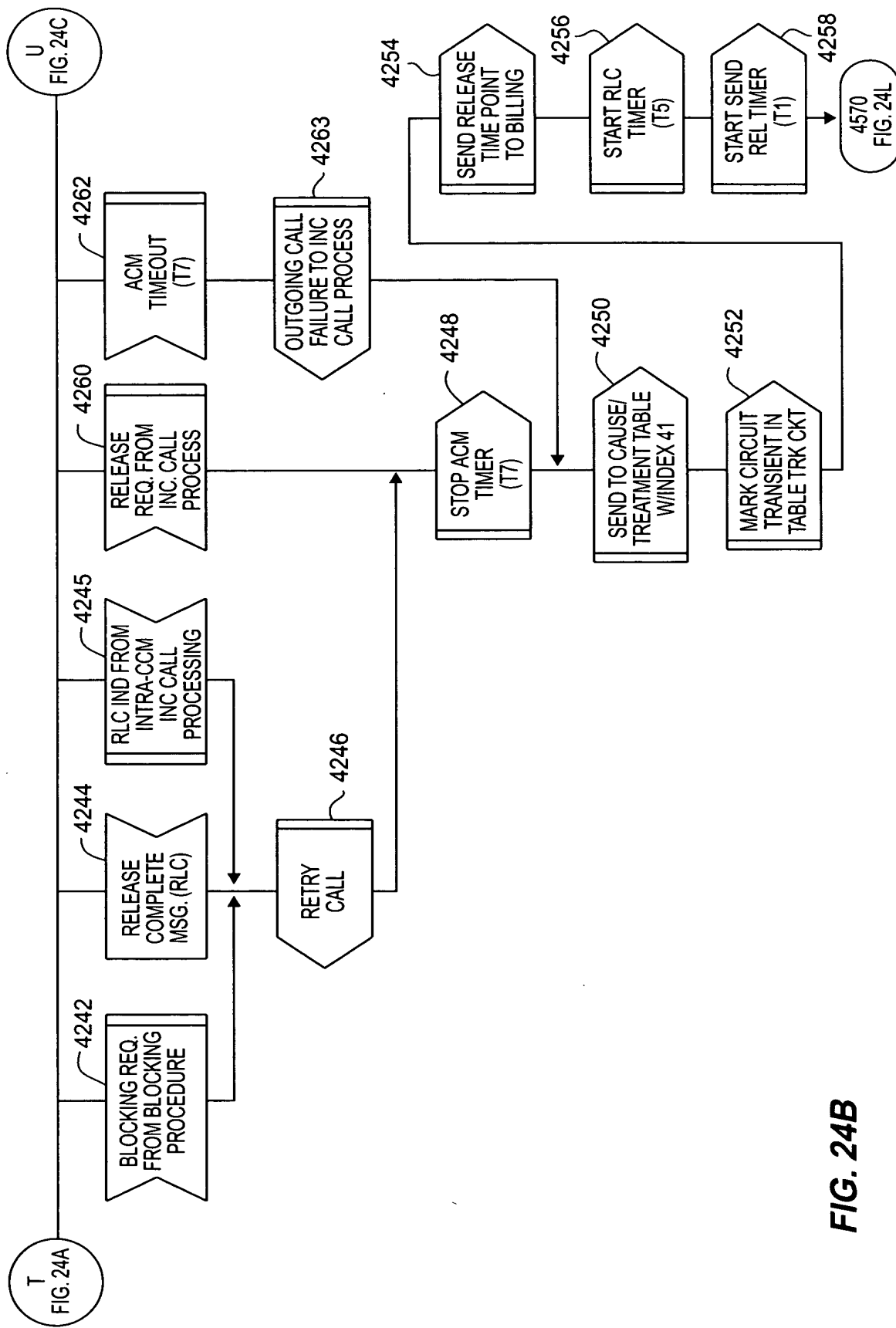
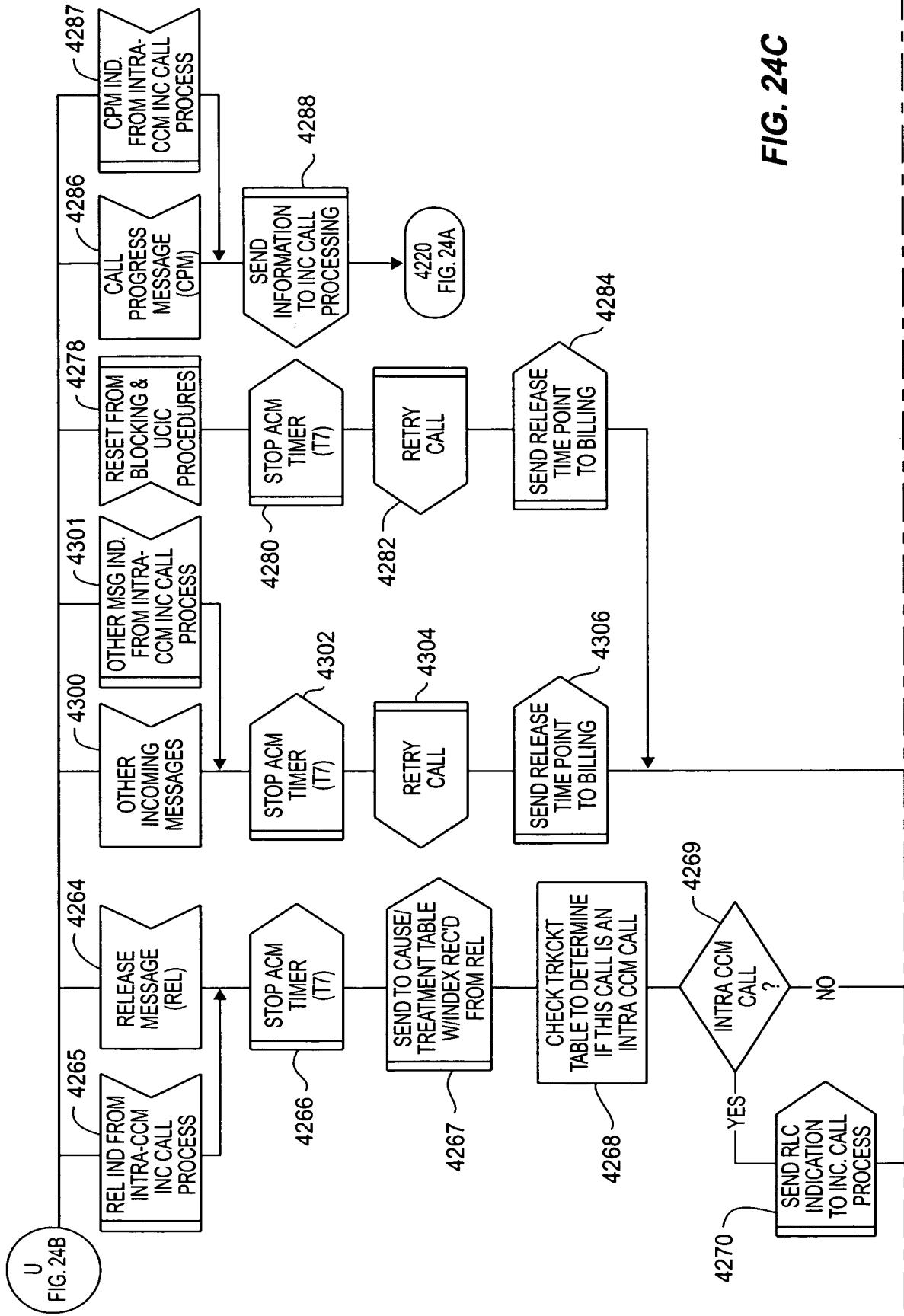


FIG. 24B





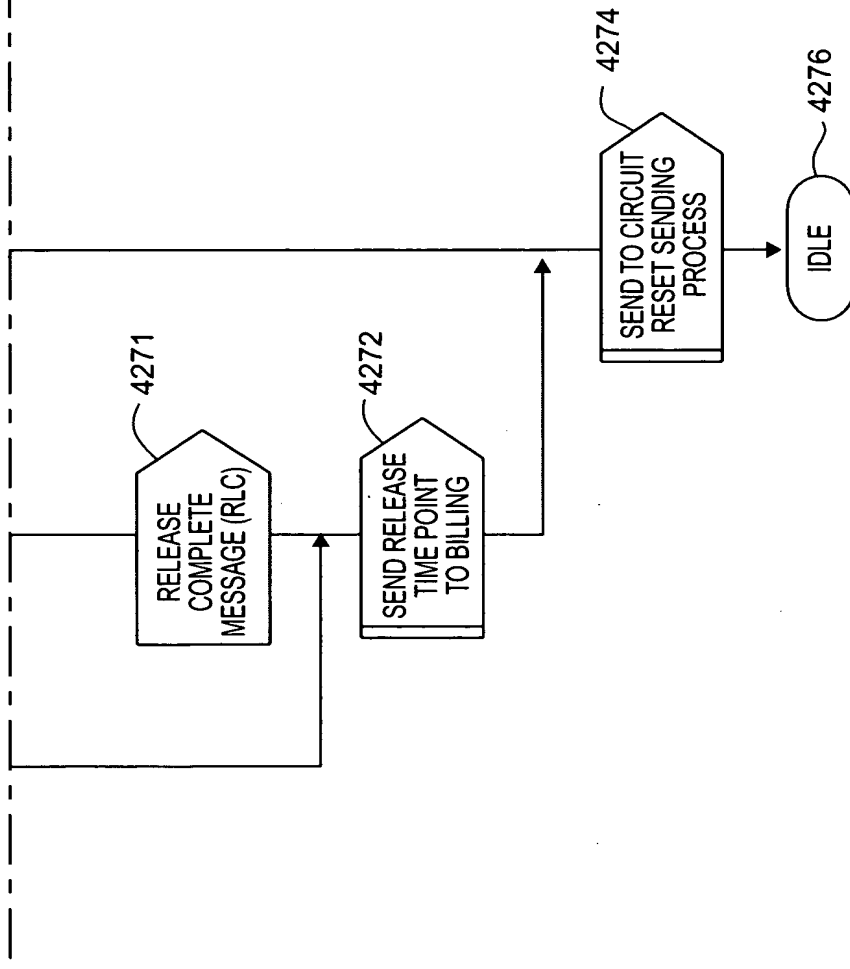
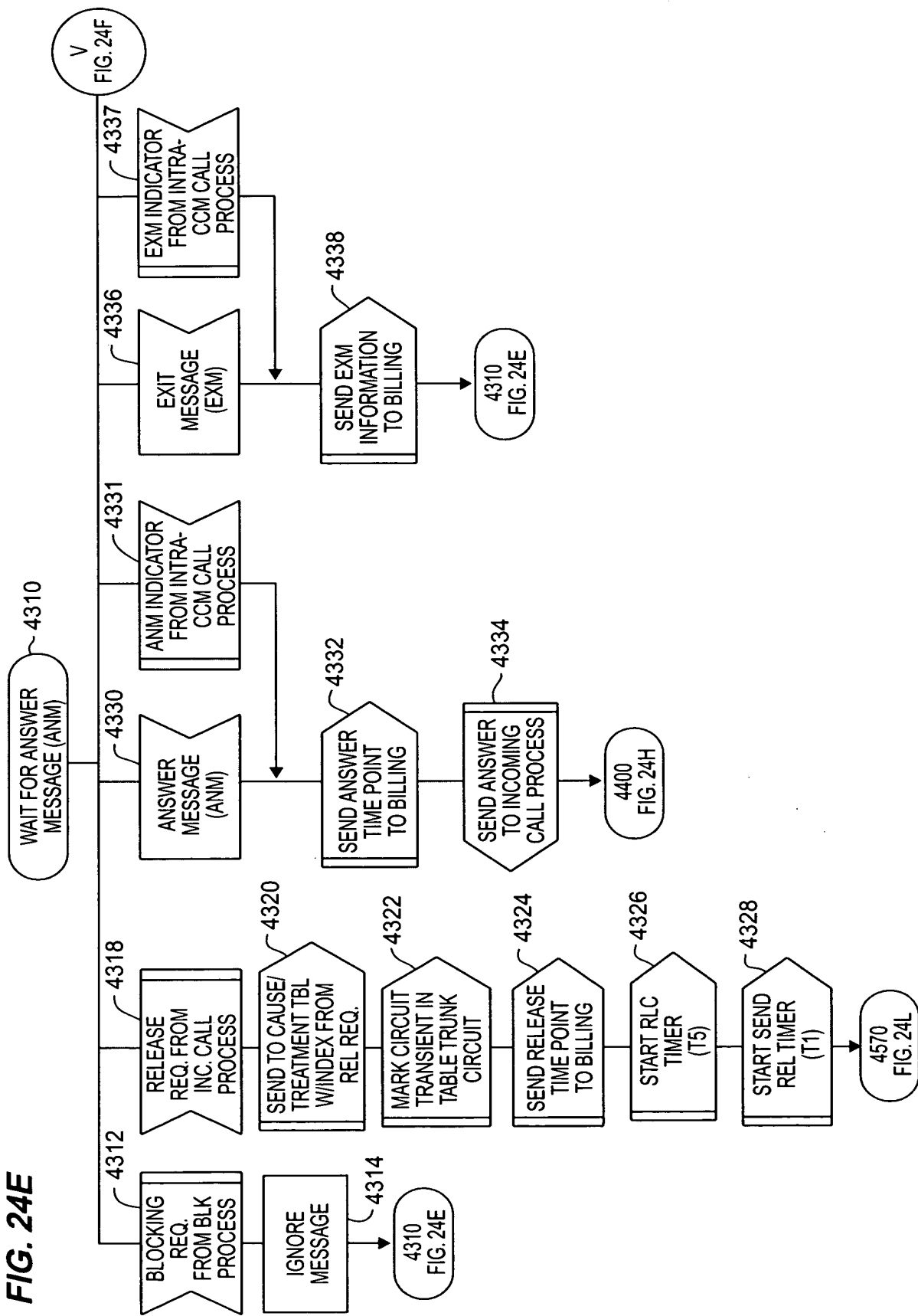


FIG. 24D

FIG. 24E



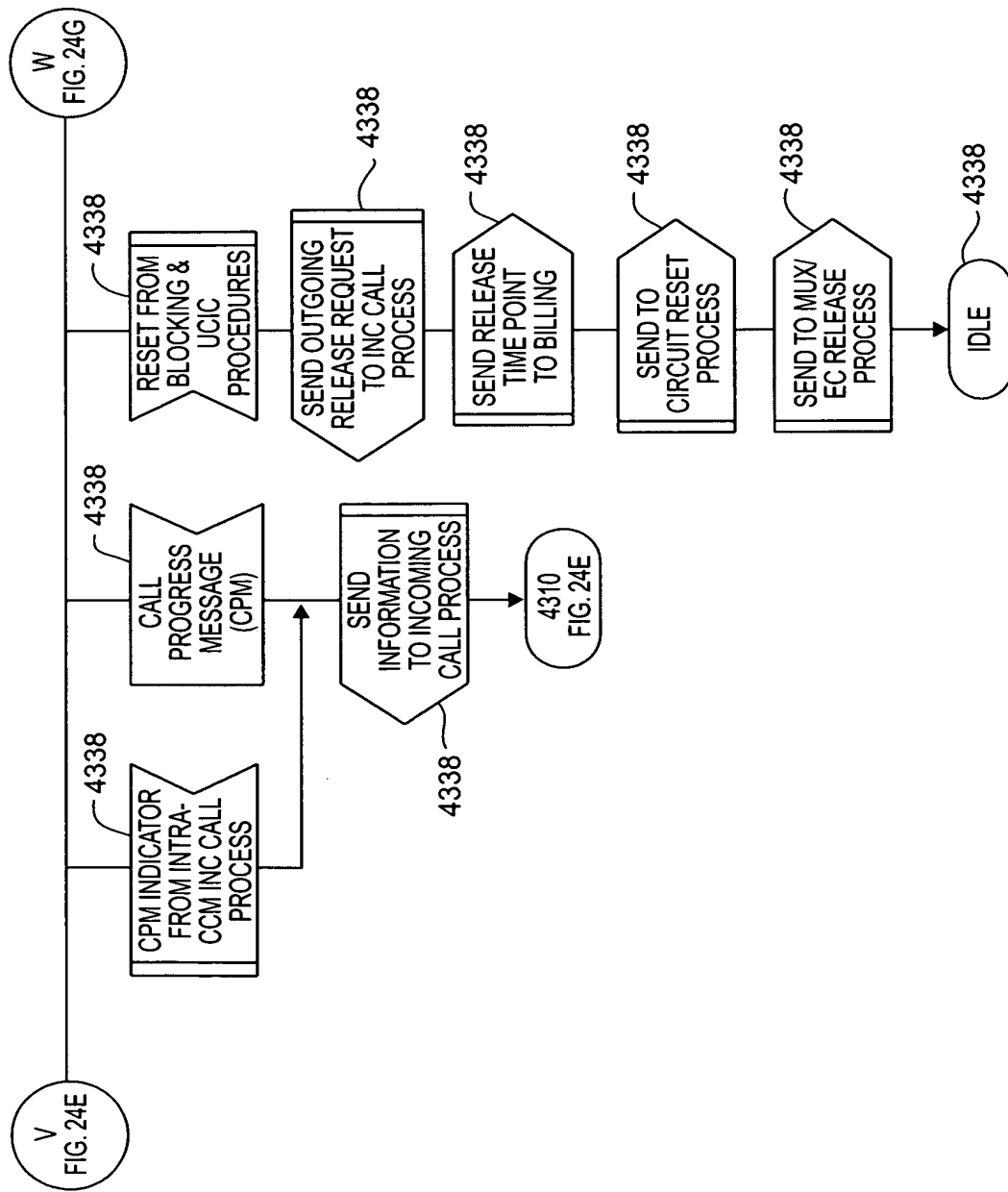


FIG. 24F

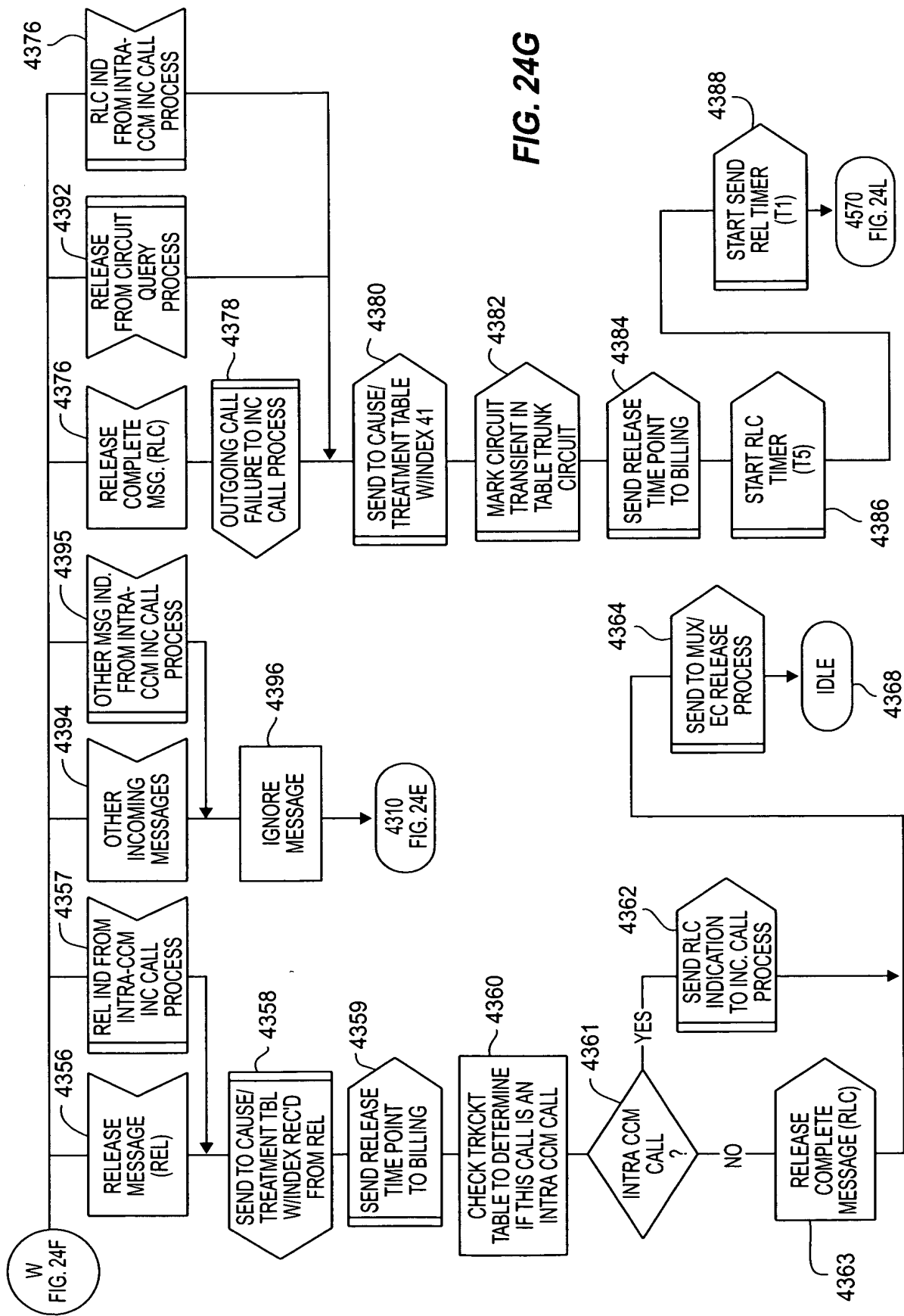


FIG. 24H

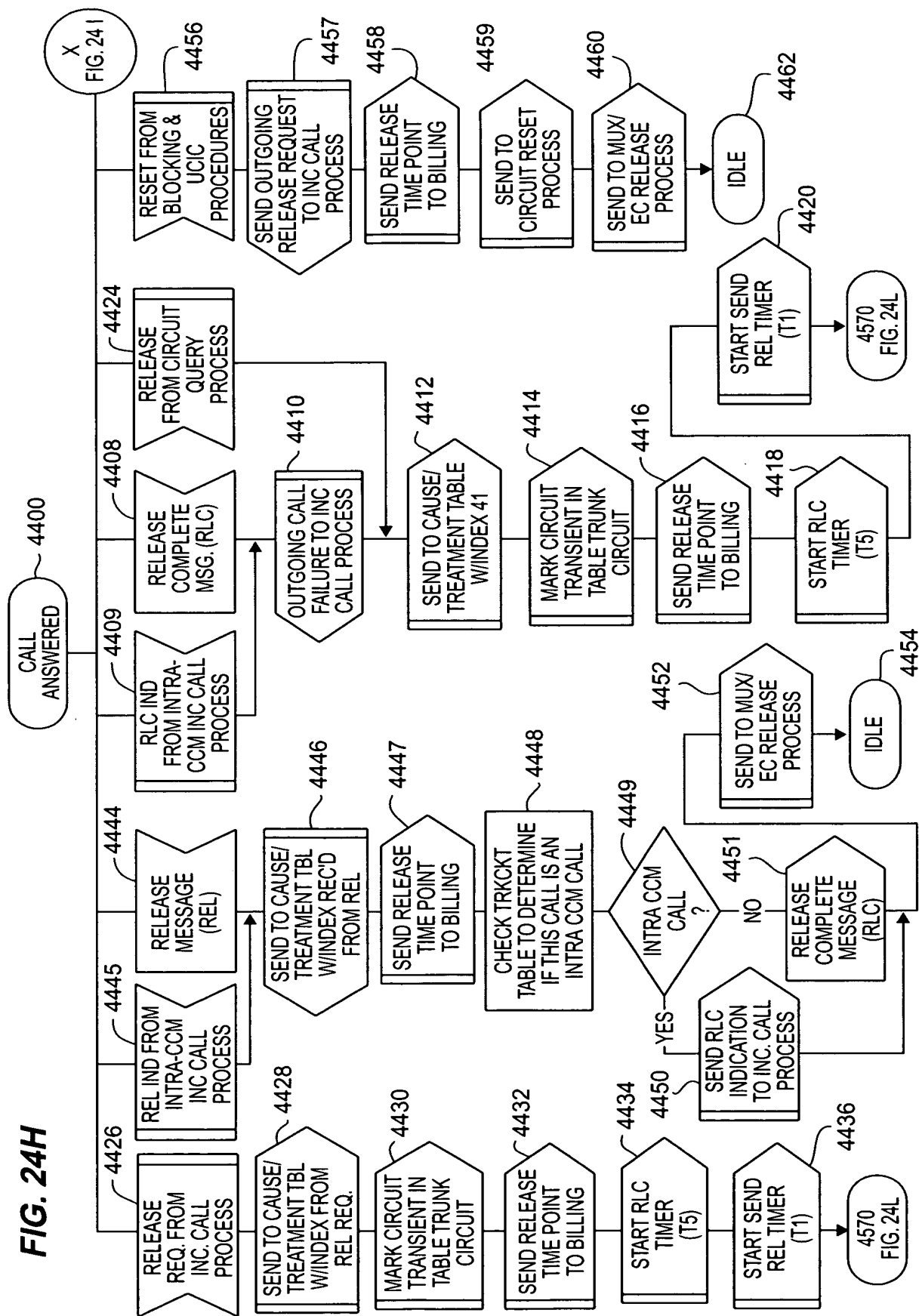


FIG. 24I

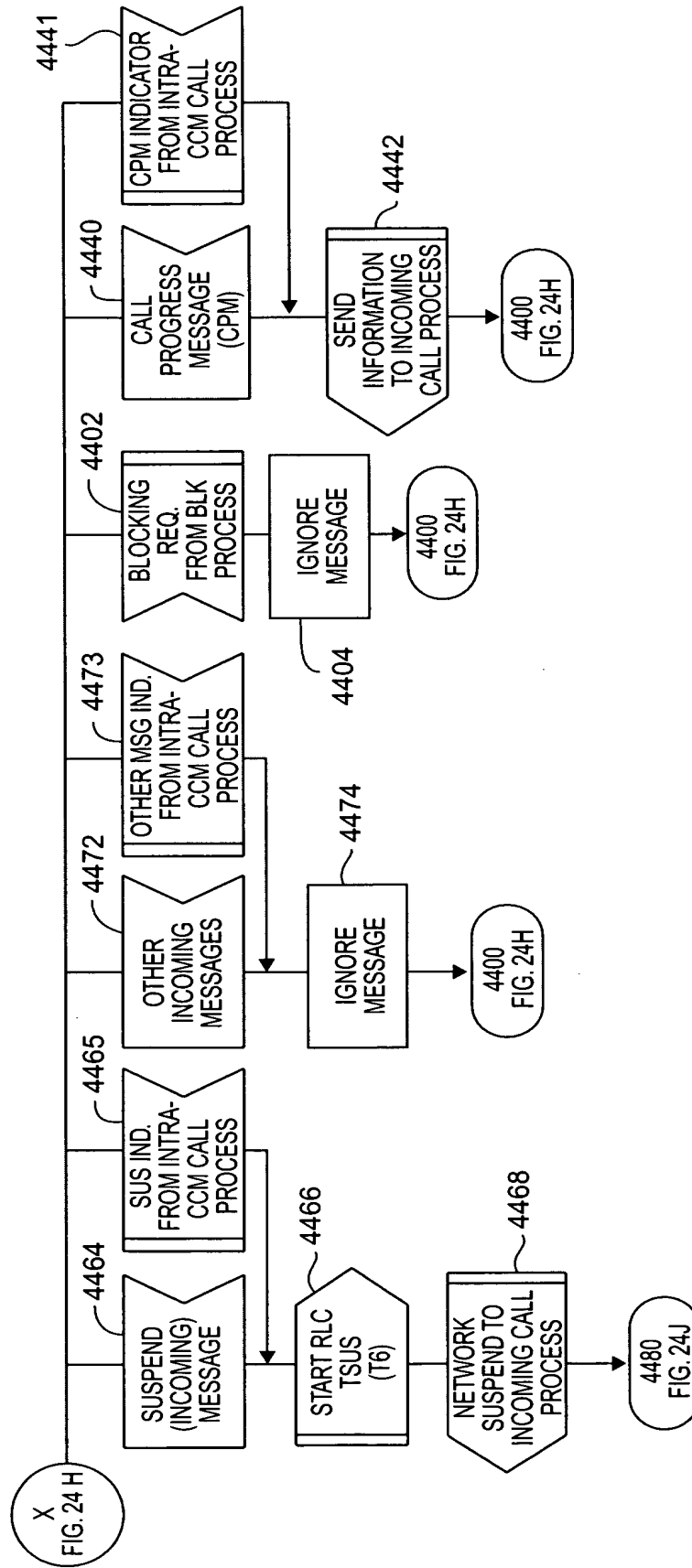
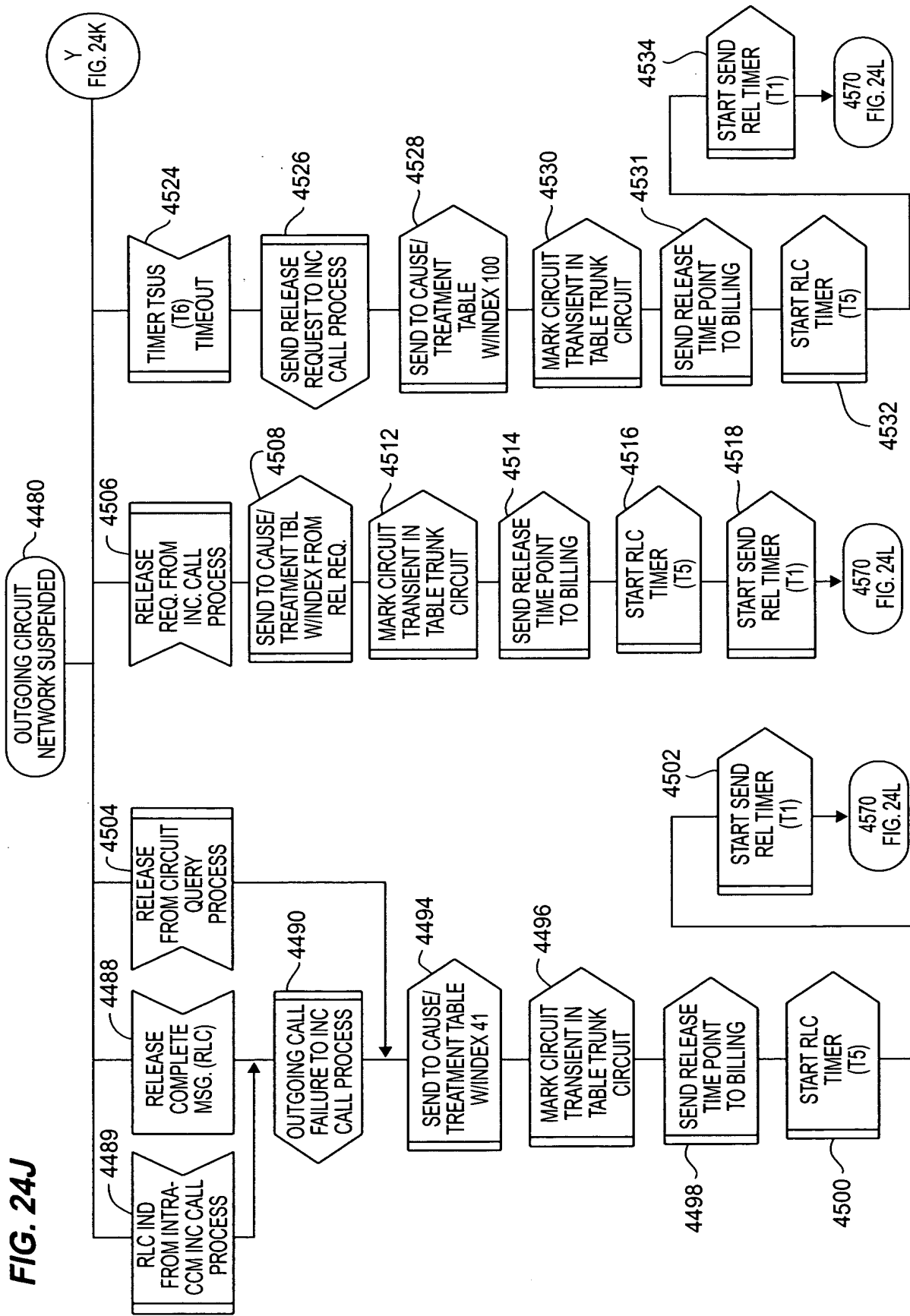


FIG. 24J



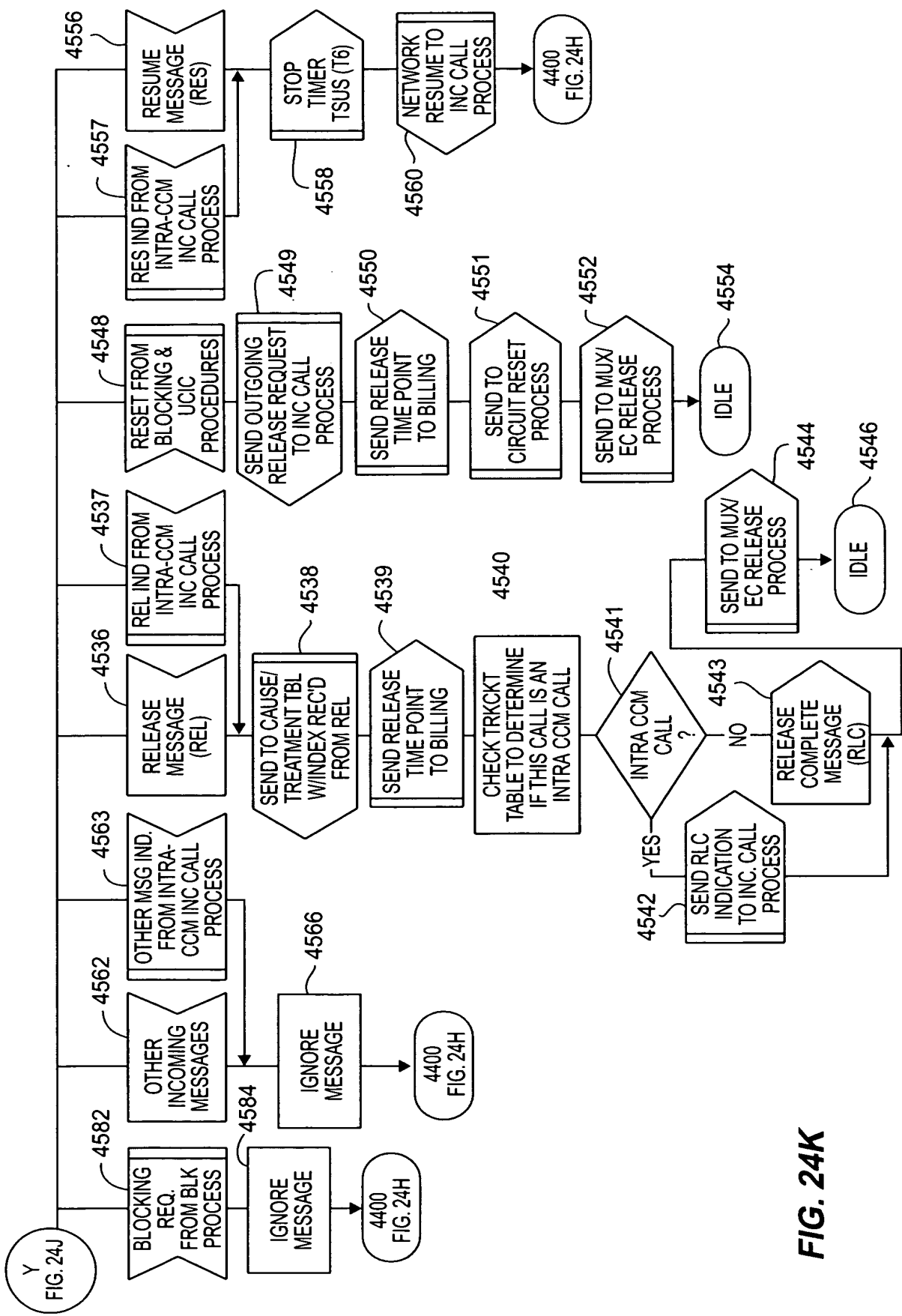


FIG. 24K



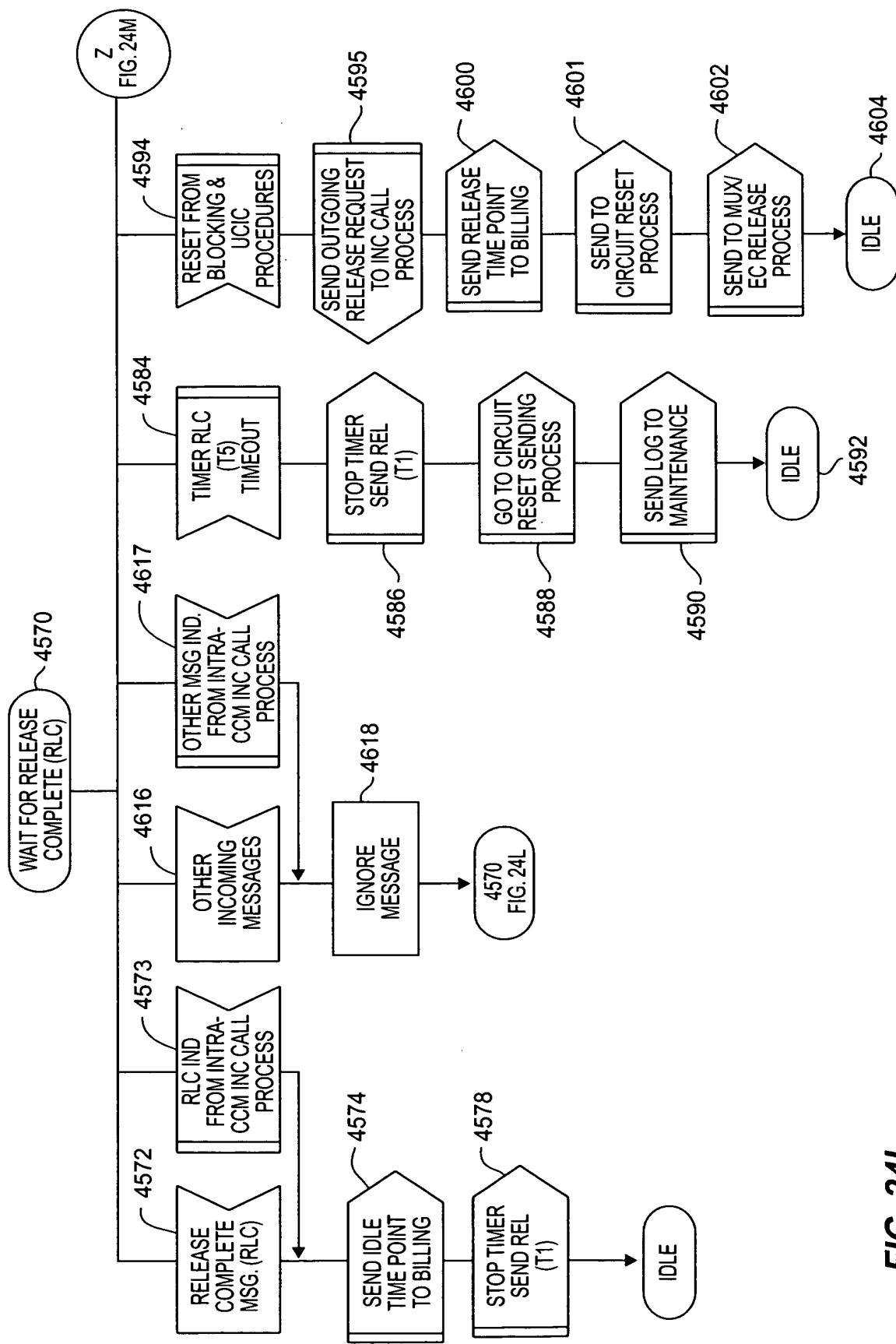


FIG. 24L

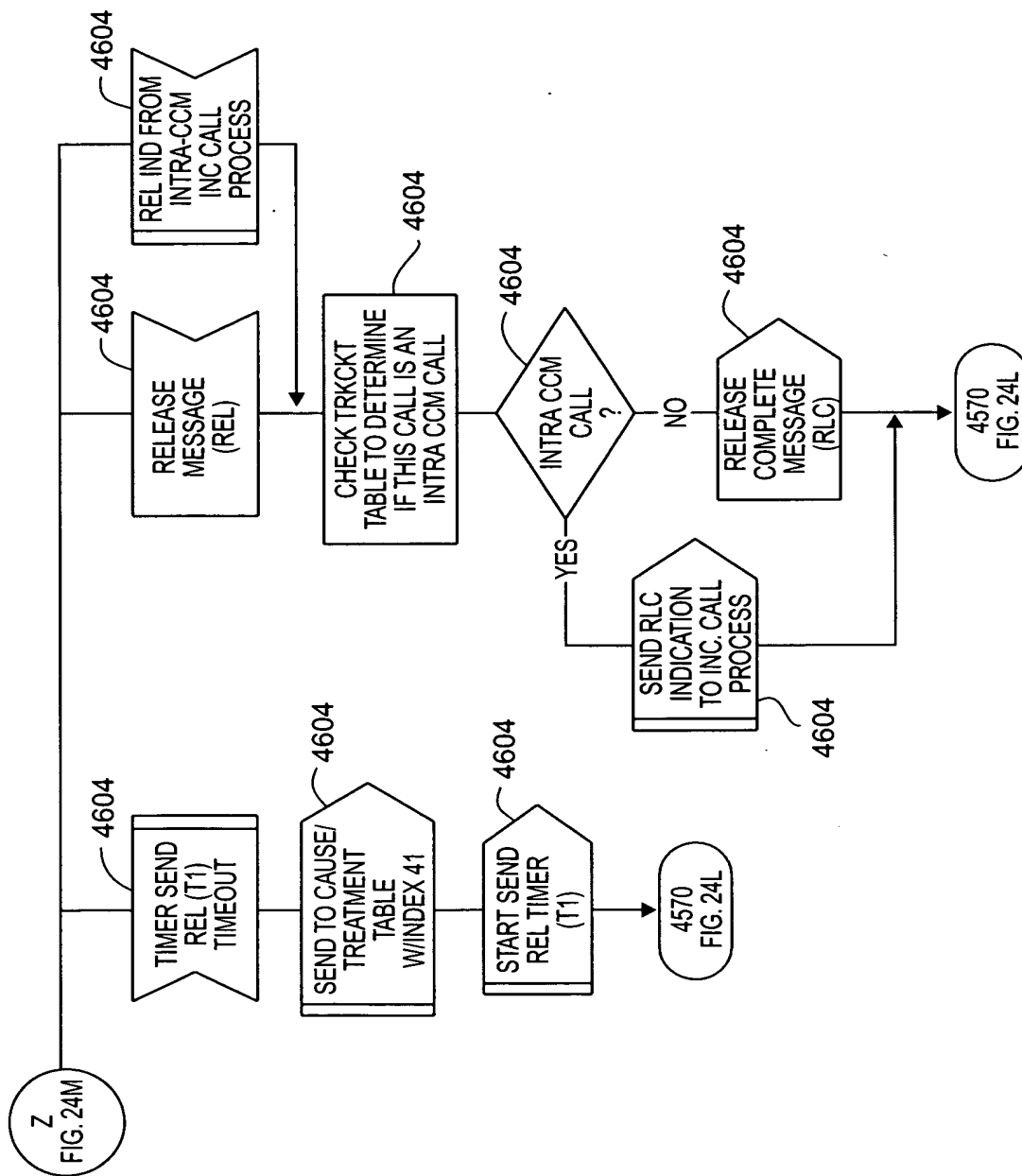


FIG. 24M

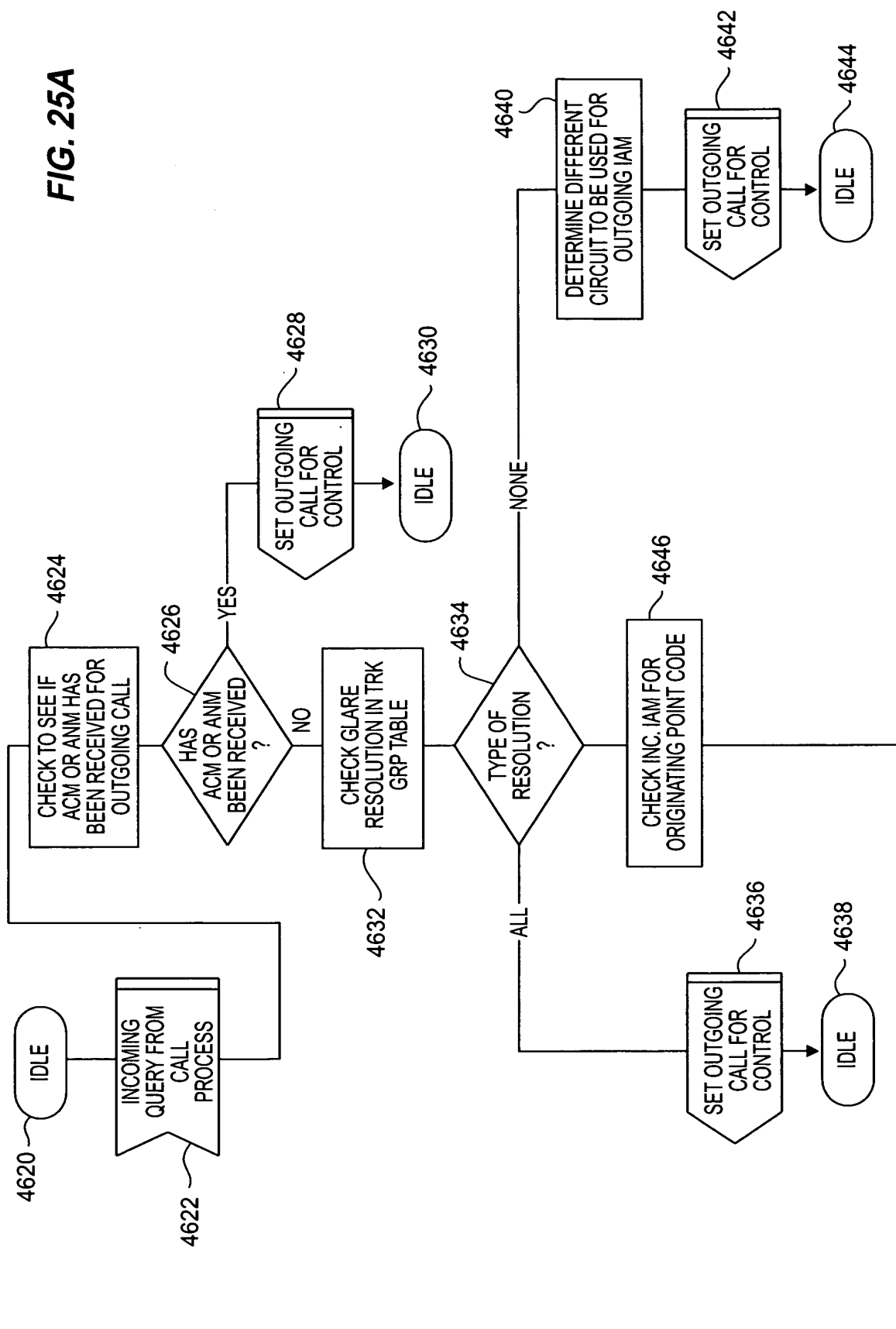


FIG. 25B

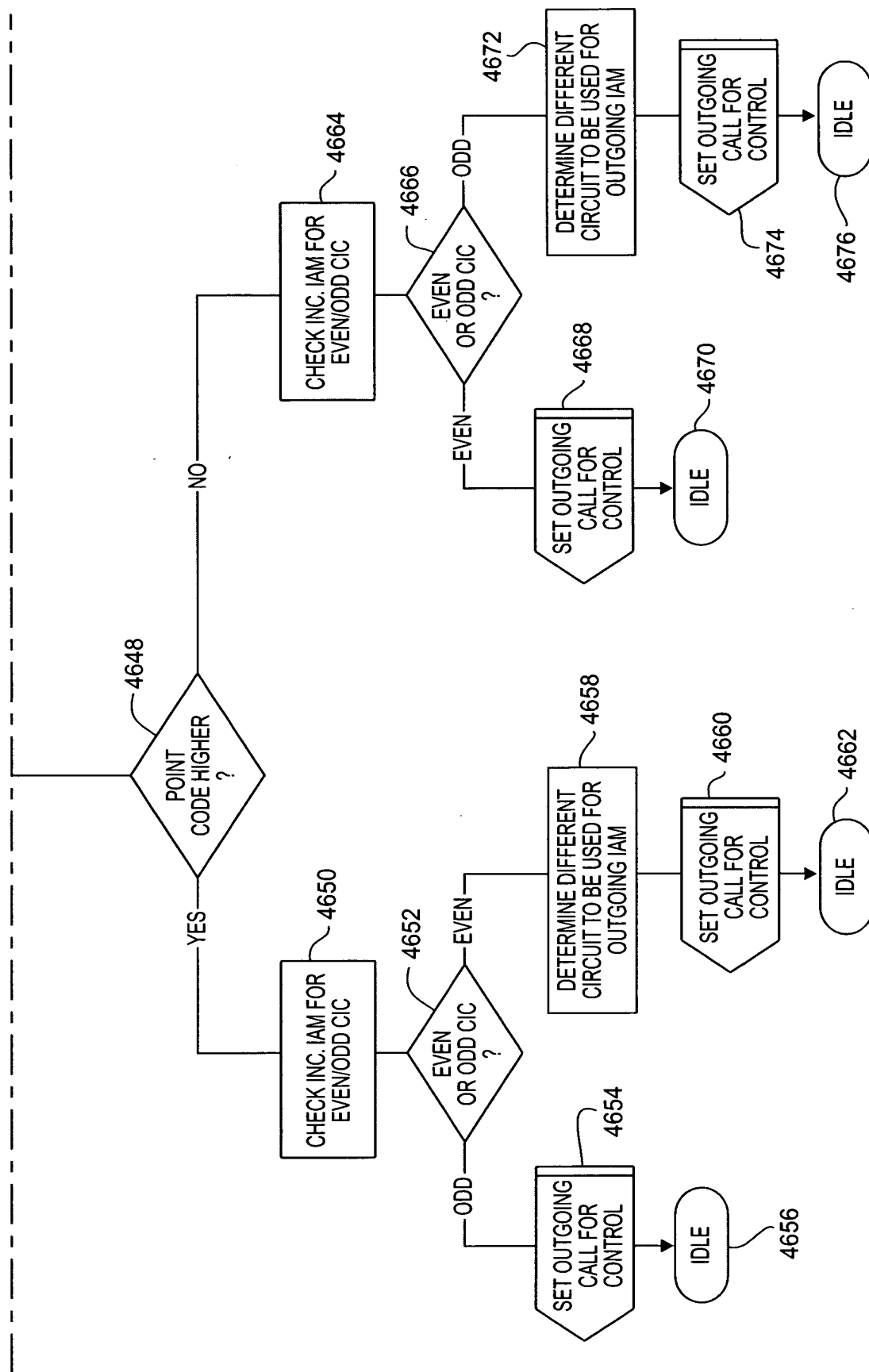
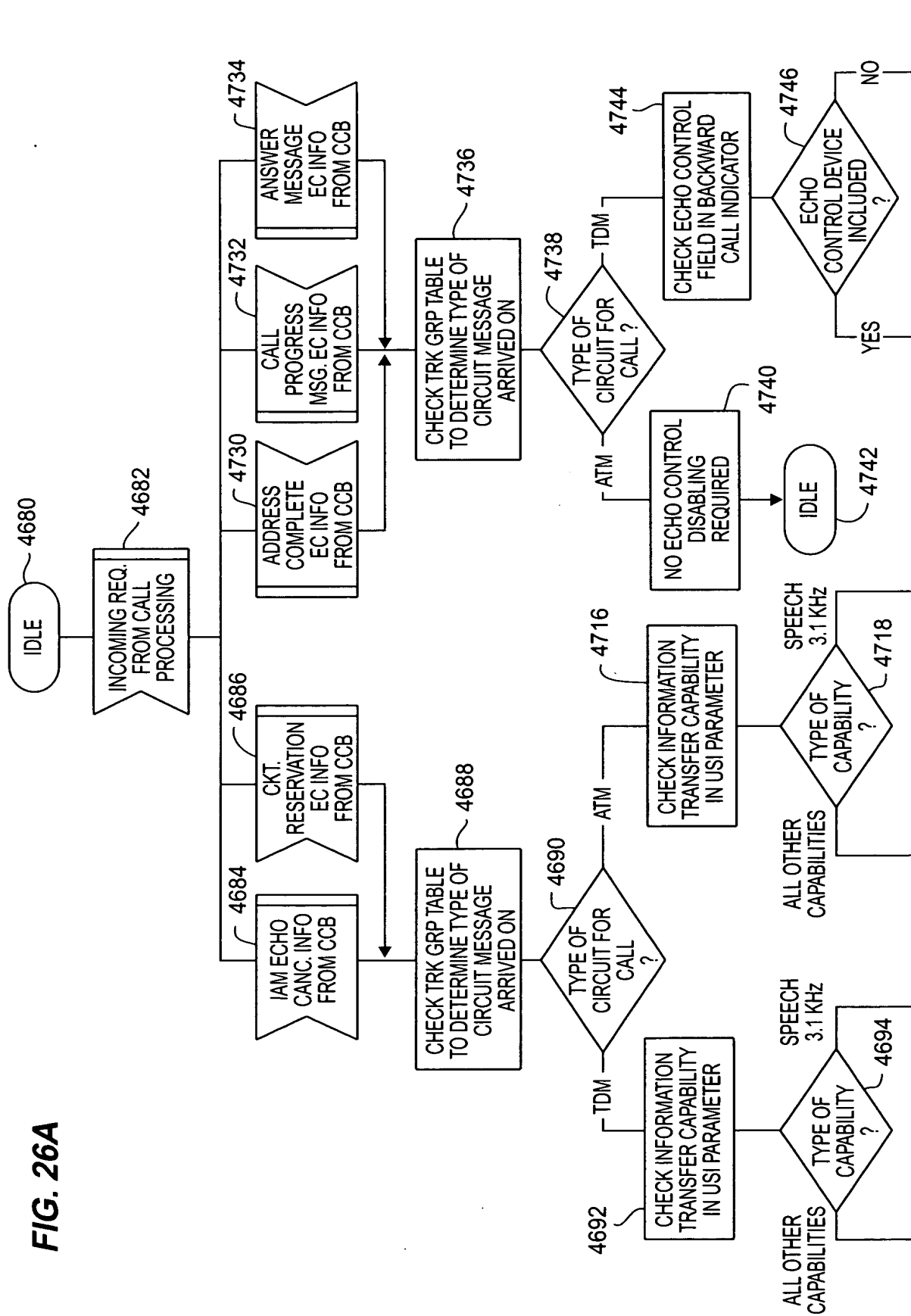


FIG. 26A



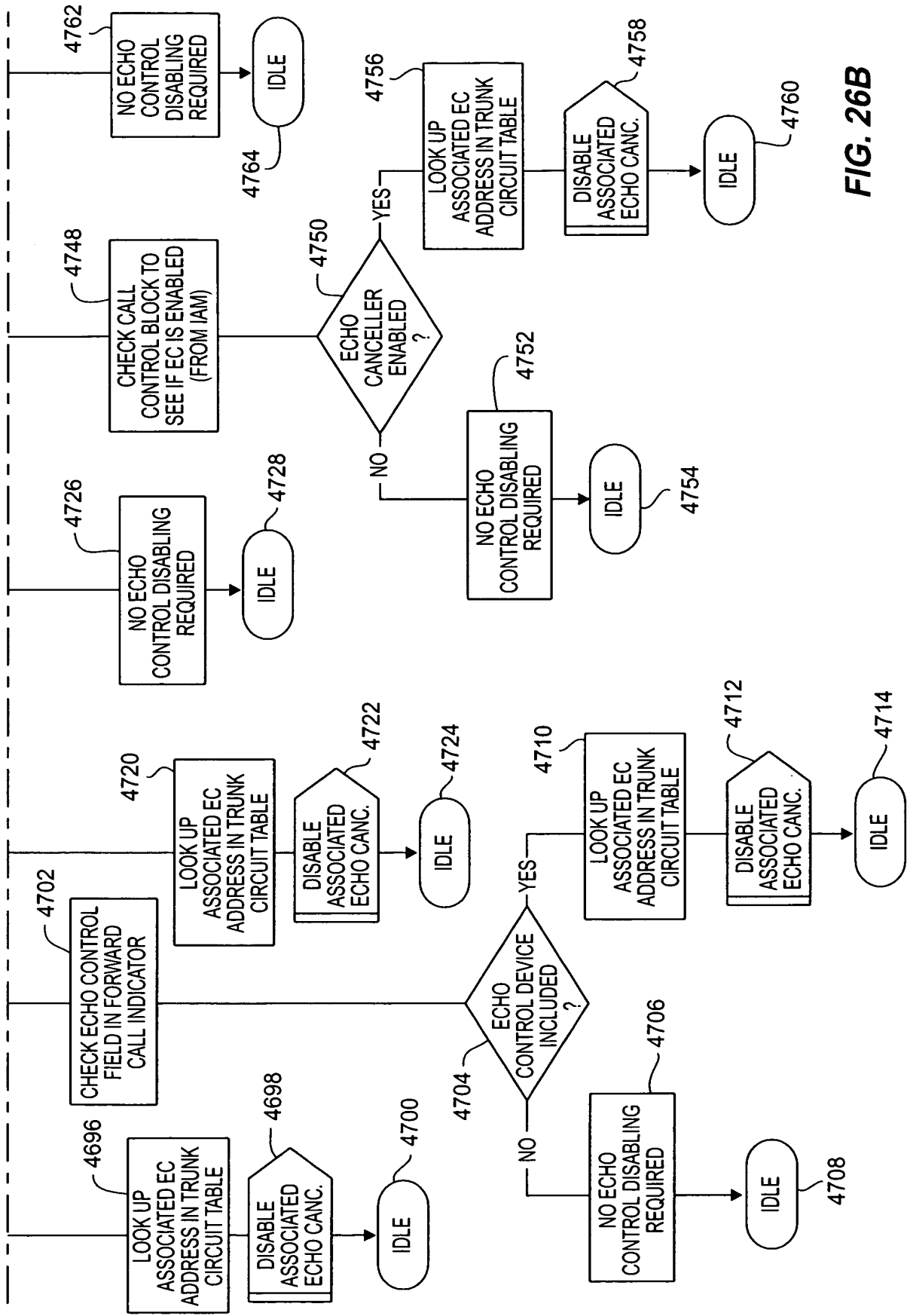
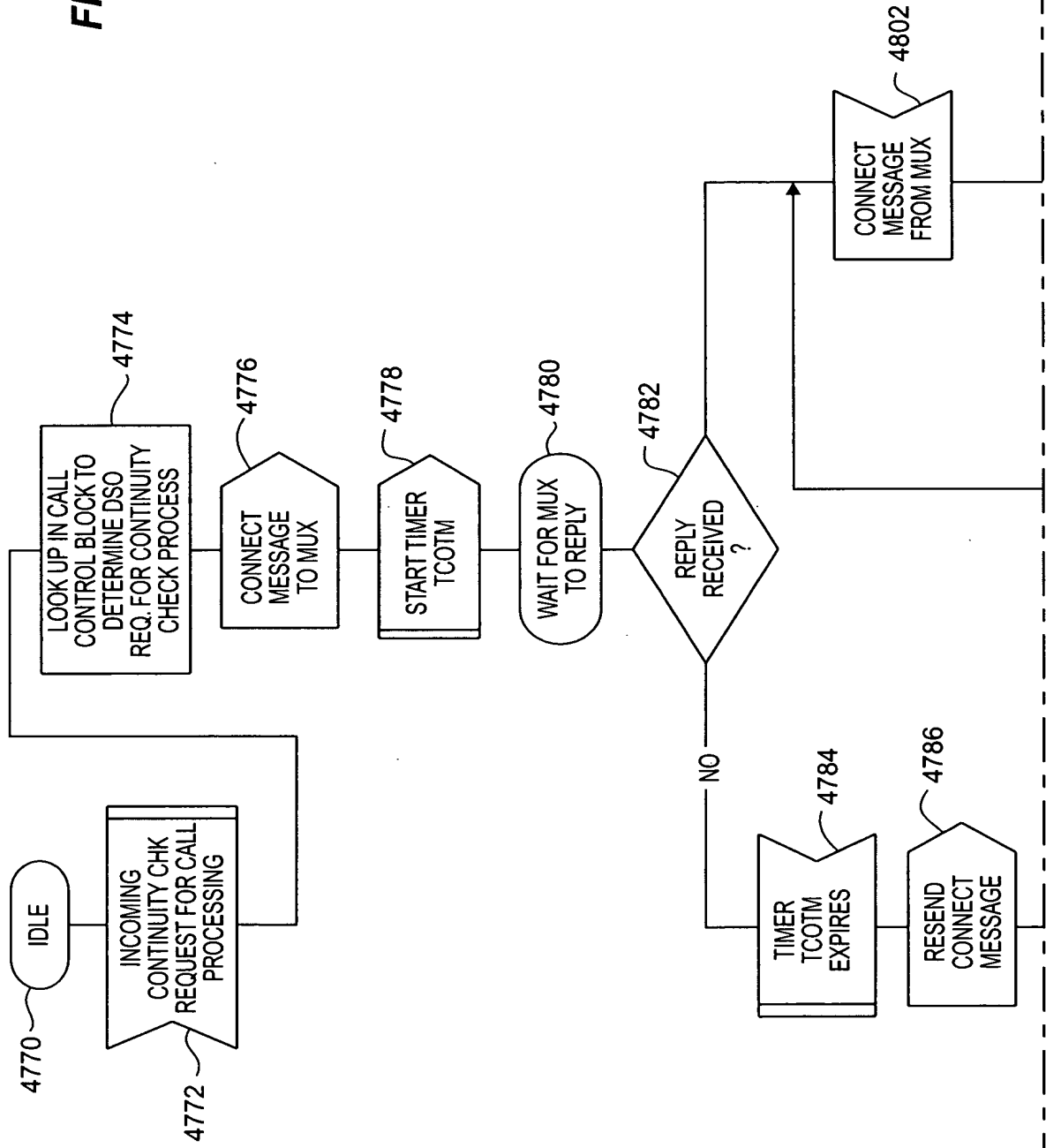


FIG. 26B

FIG. 27A



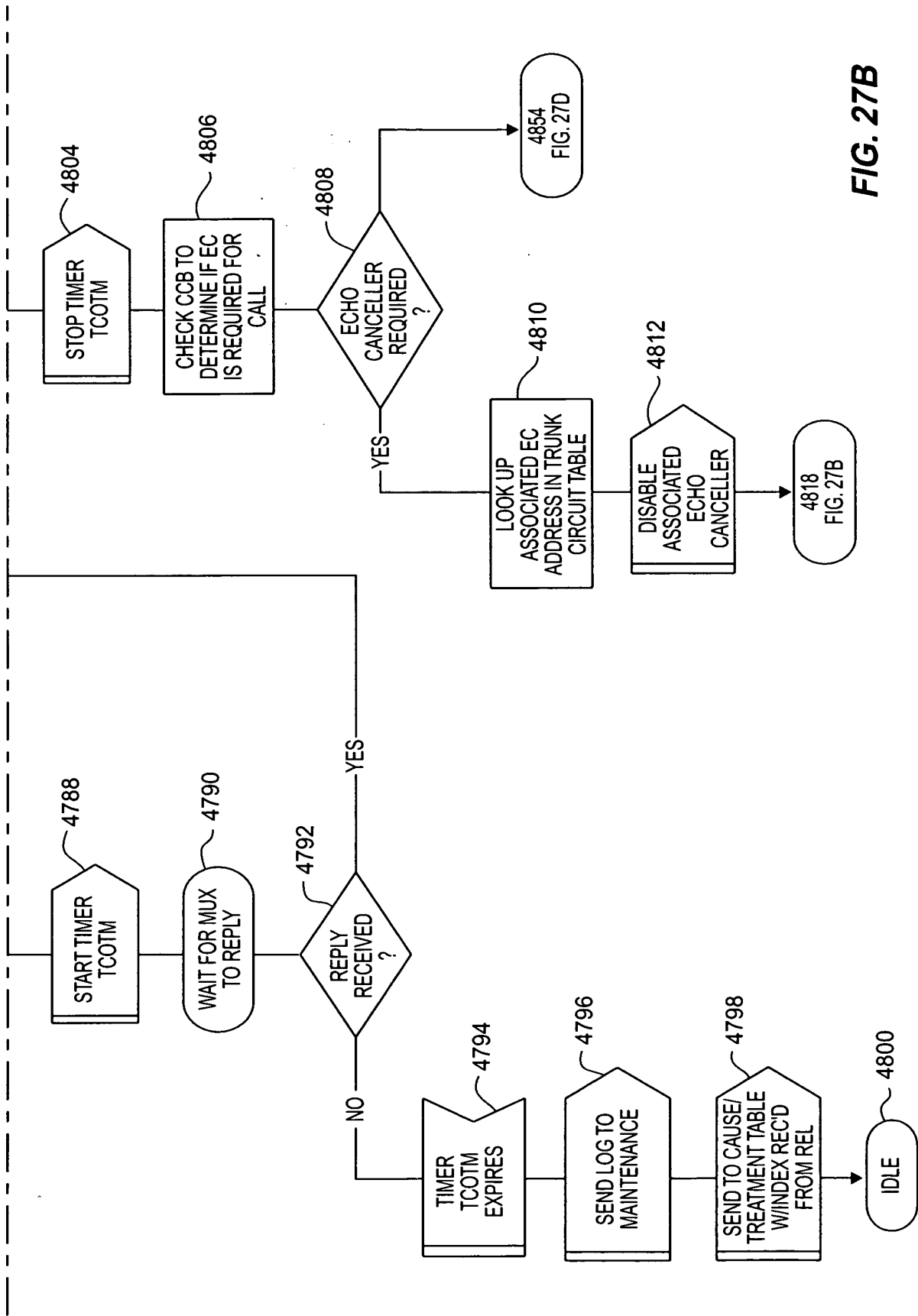
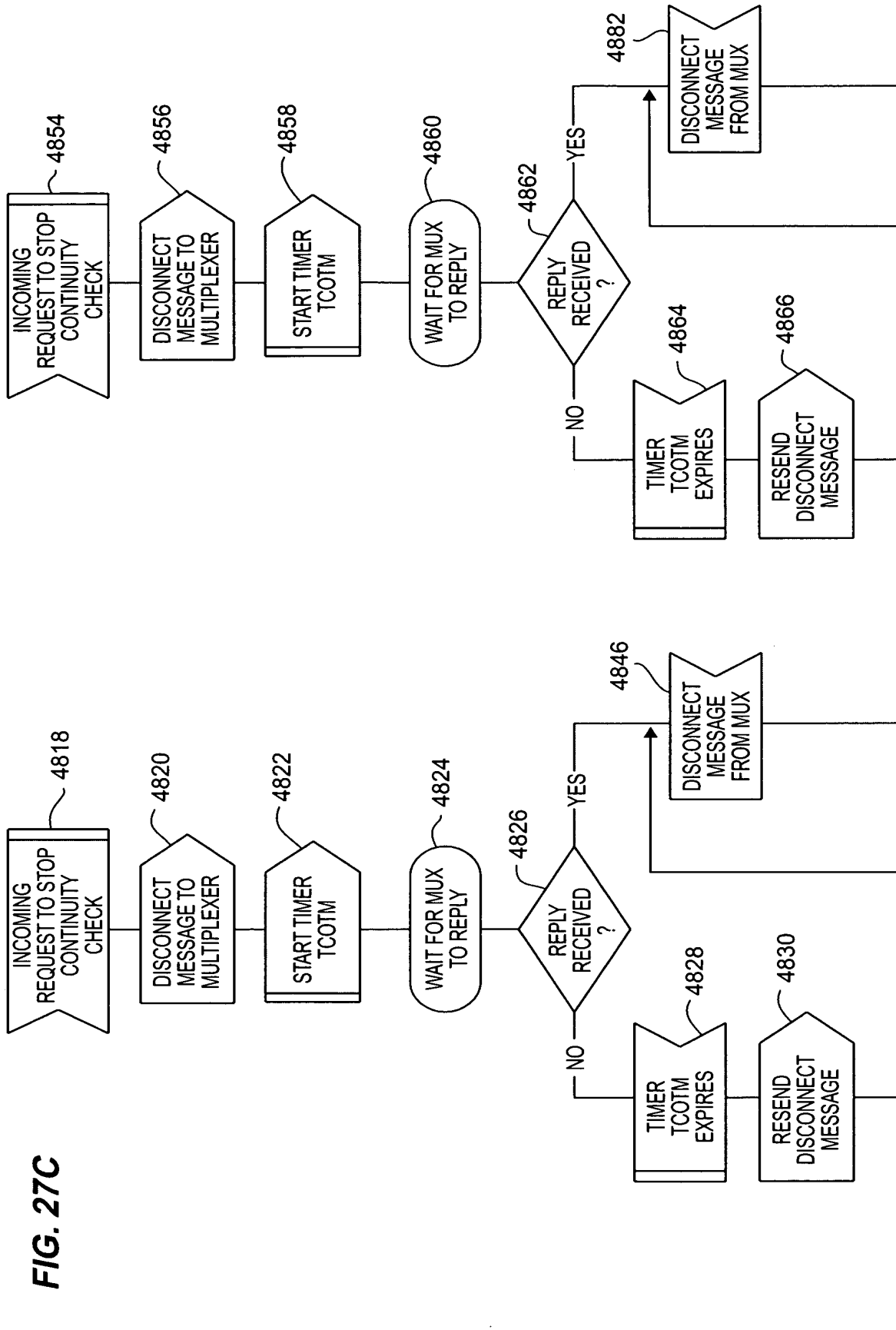


FIG. 27B



FIG. 27C



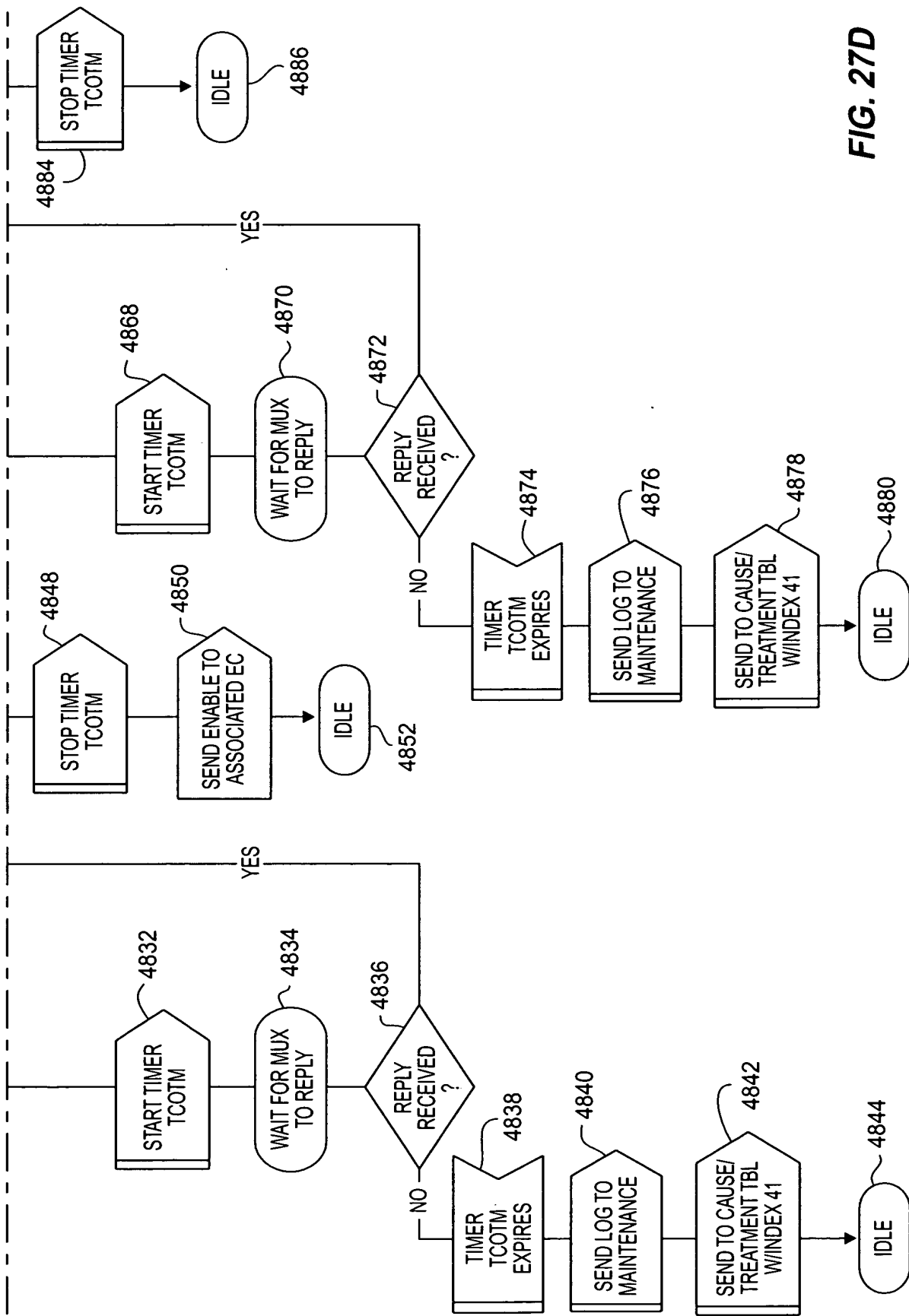
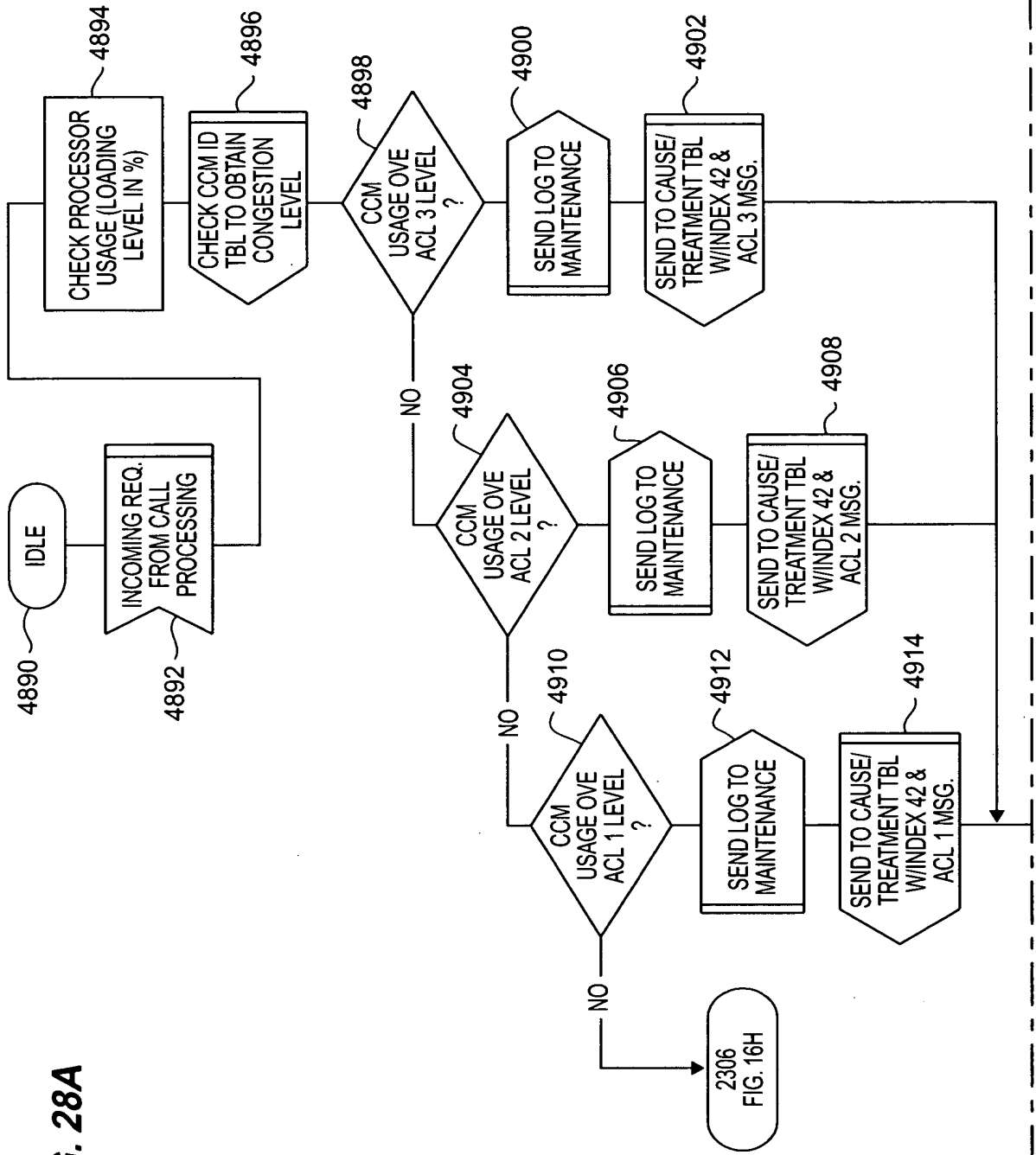


FIG. 27D

FIG. 28A



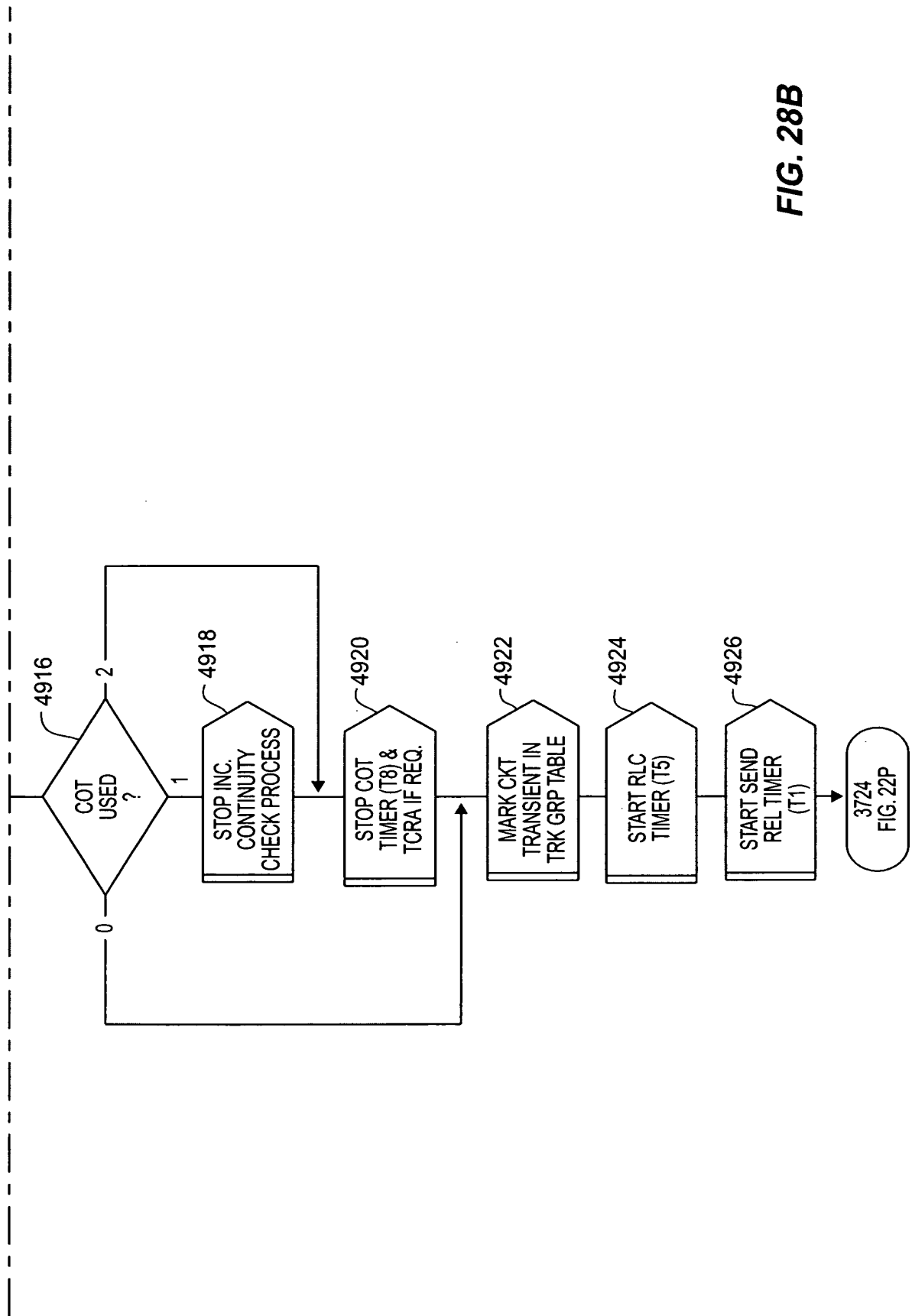
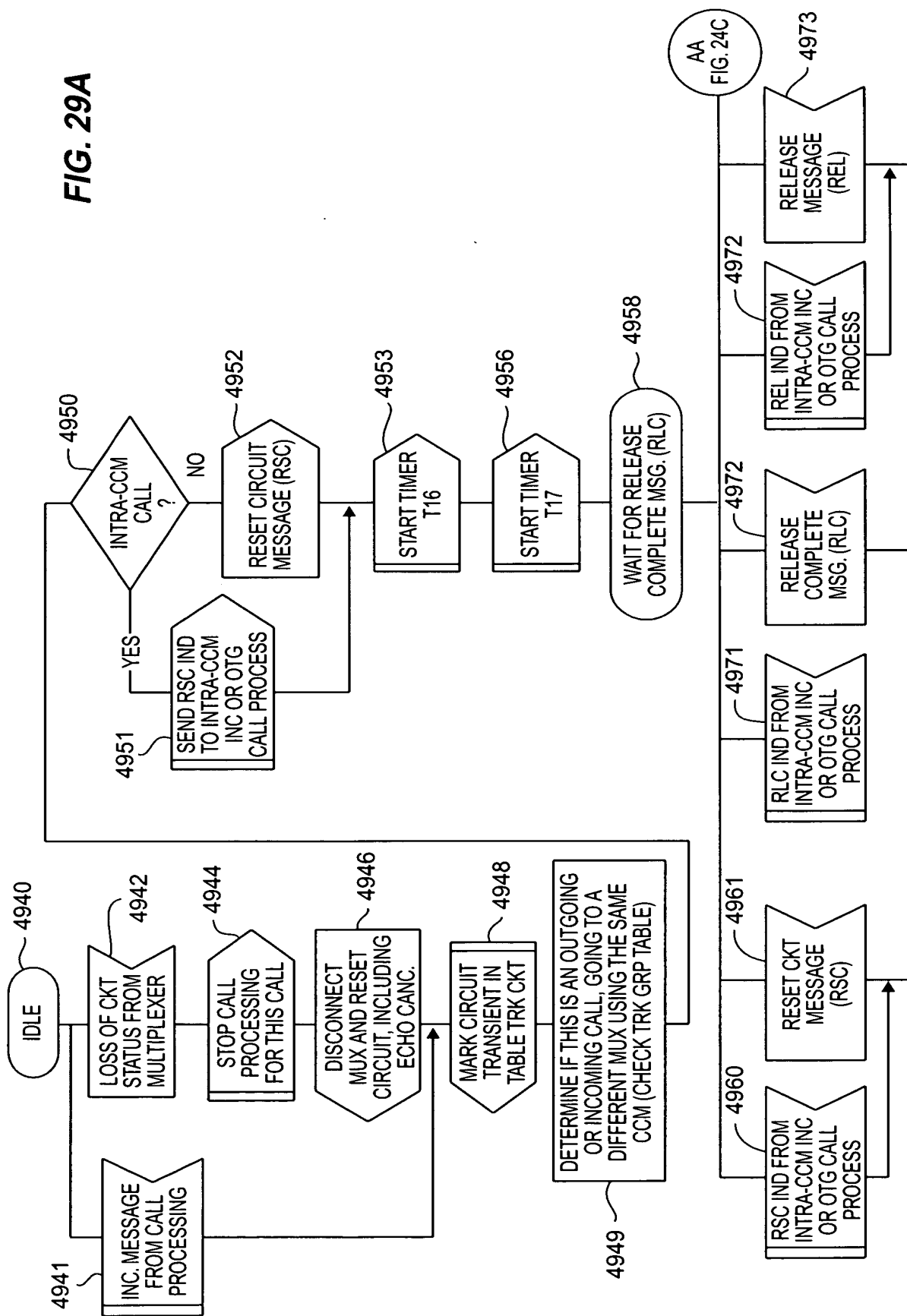


FIG. 28B

FIG. 29A



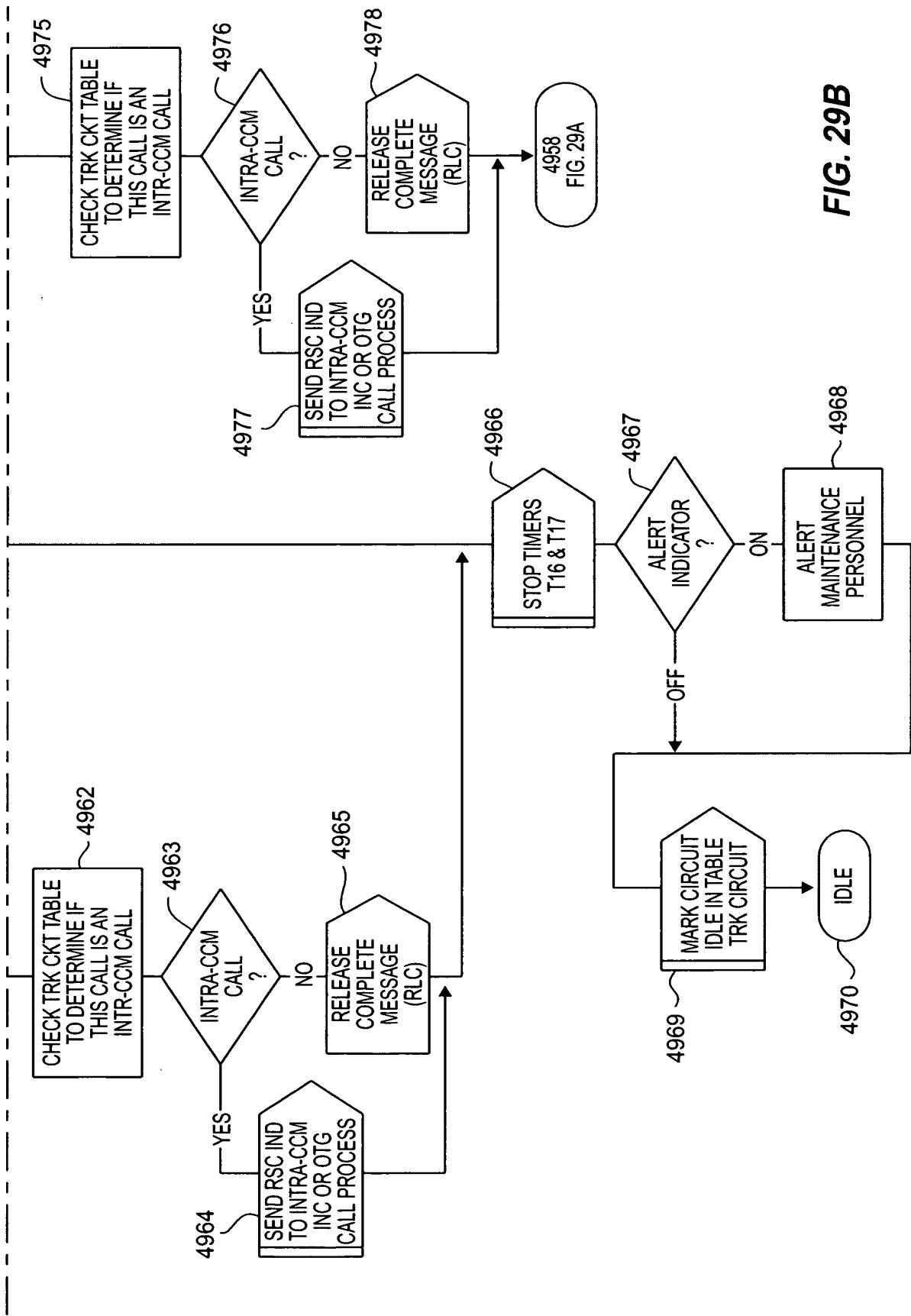


FIG. 29B

FIG. 29C

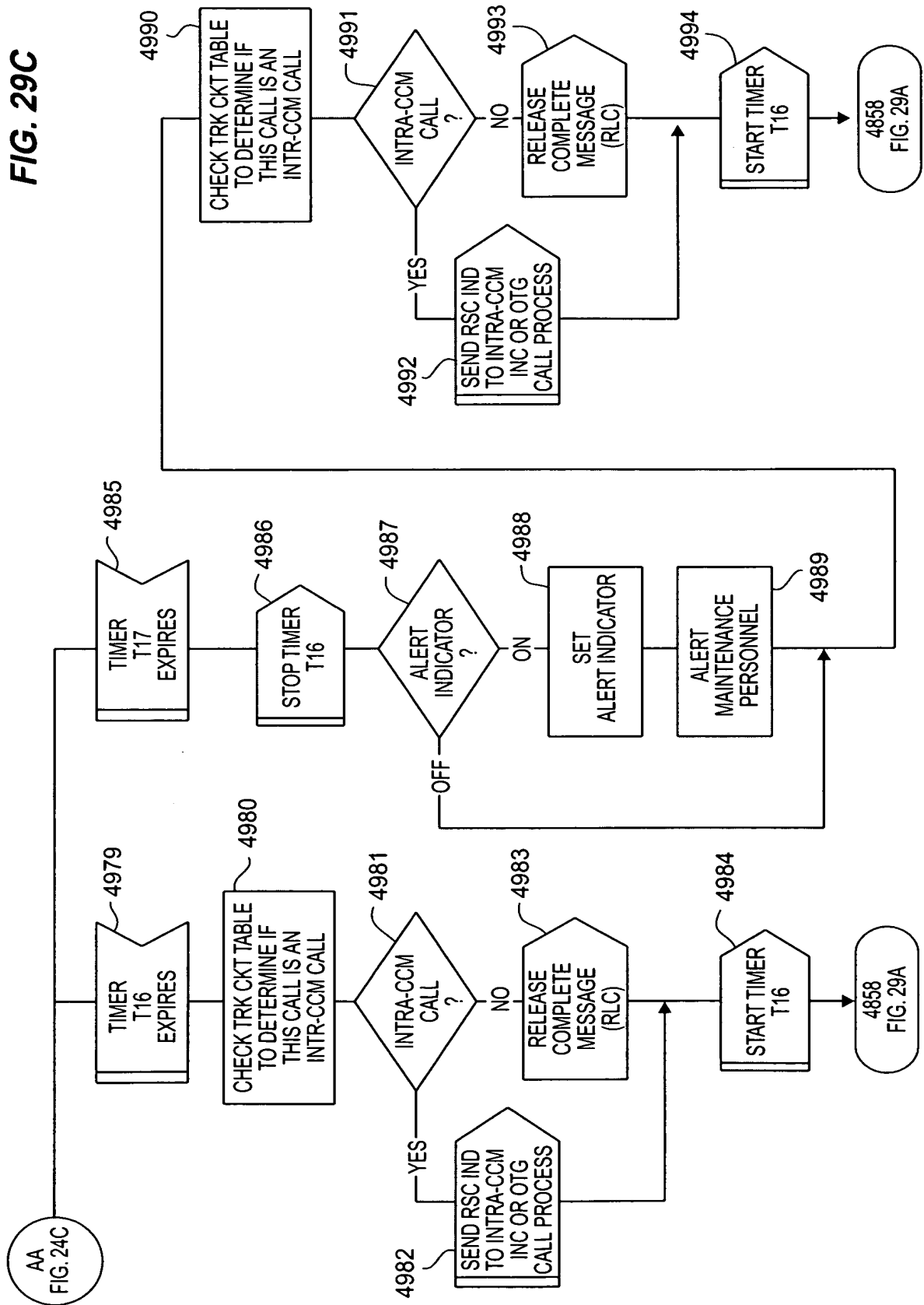
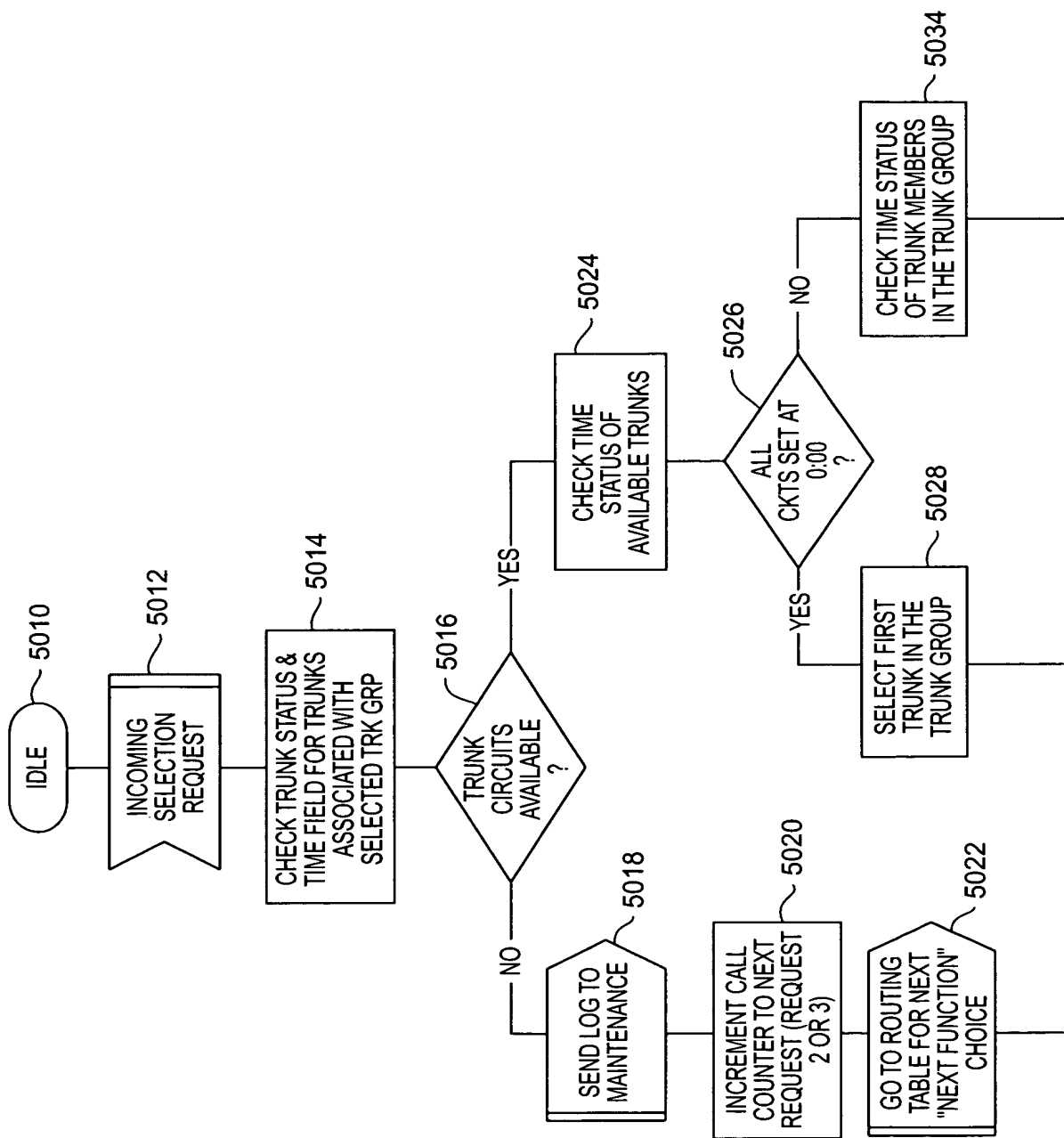


FIG. 30A





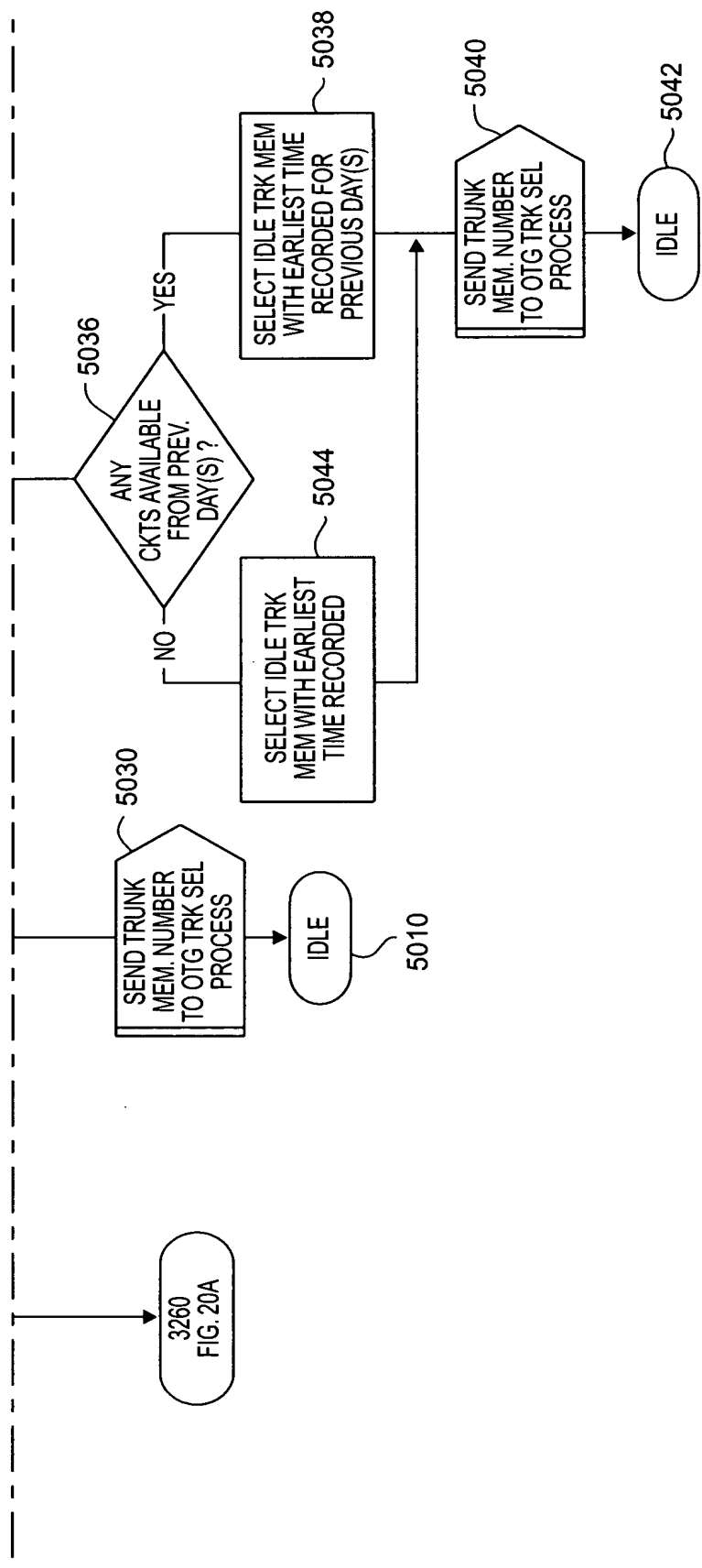
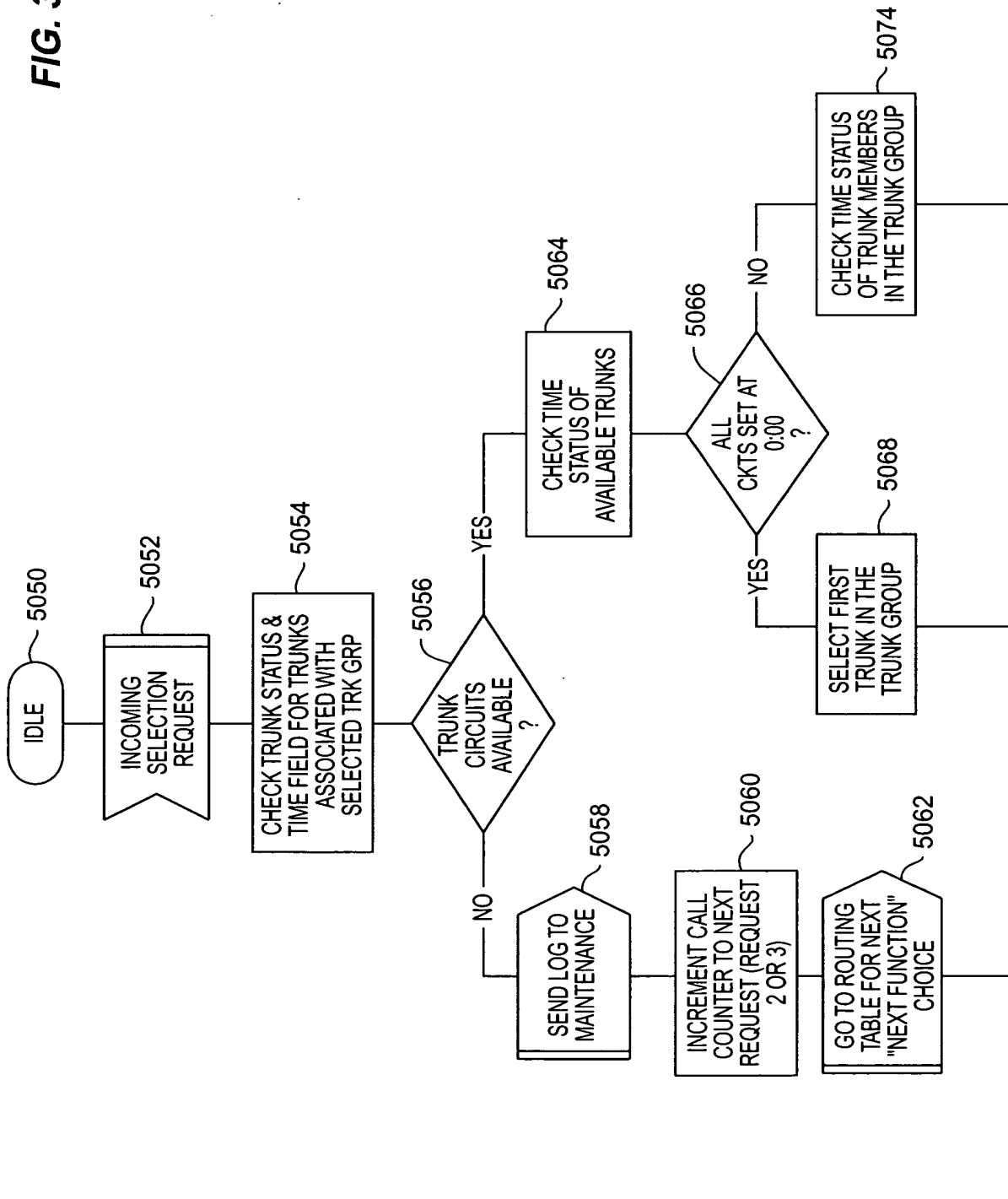


FIG. 30B

FIG. 30C



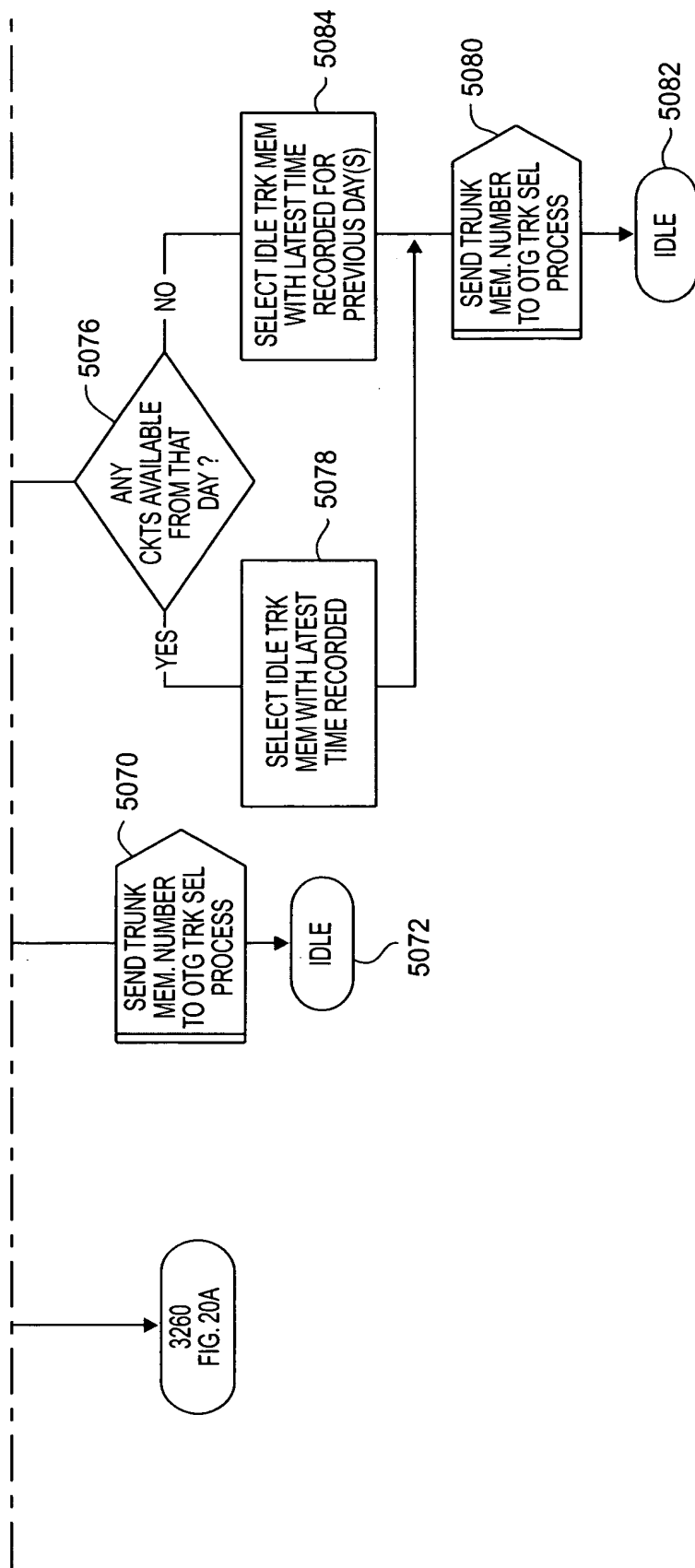
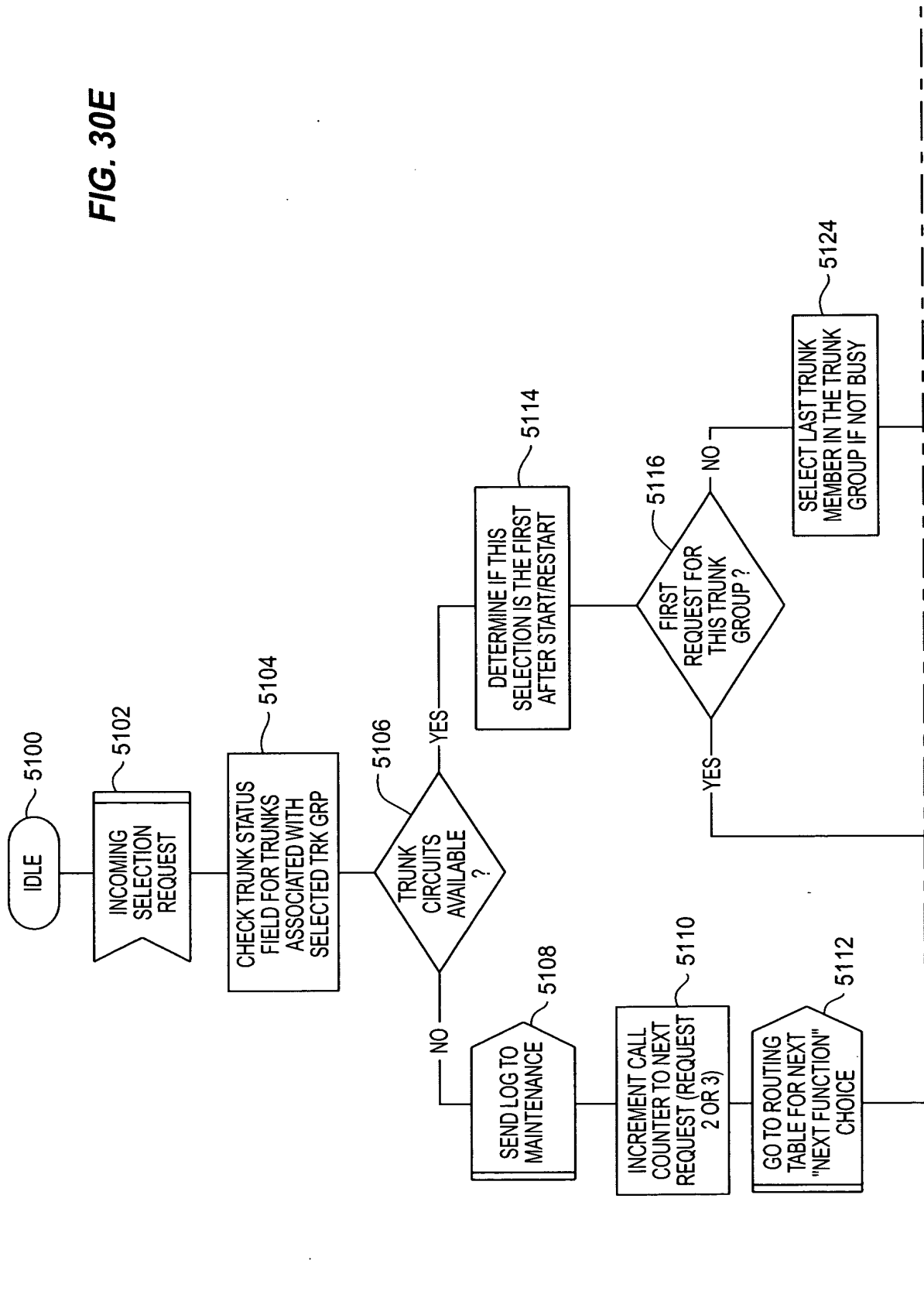


FIG. 30D



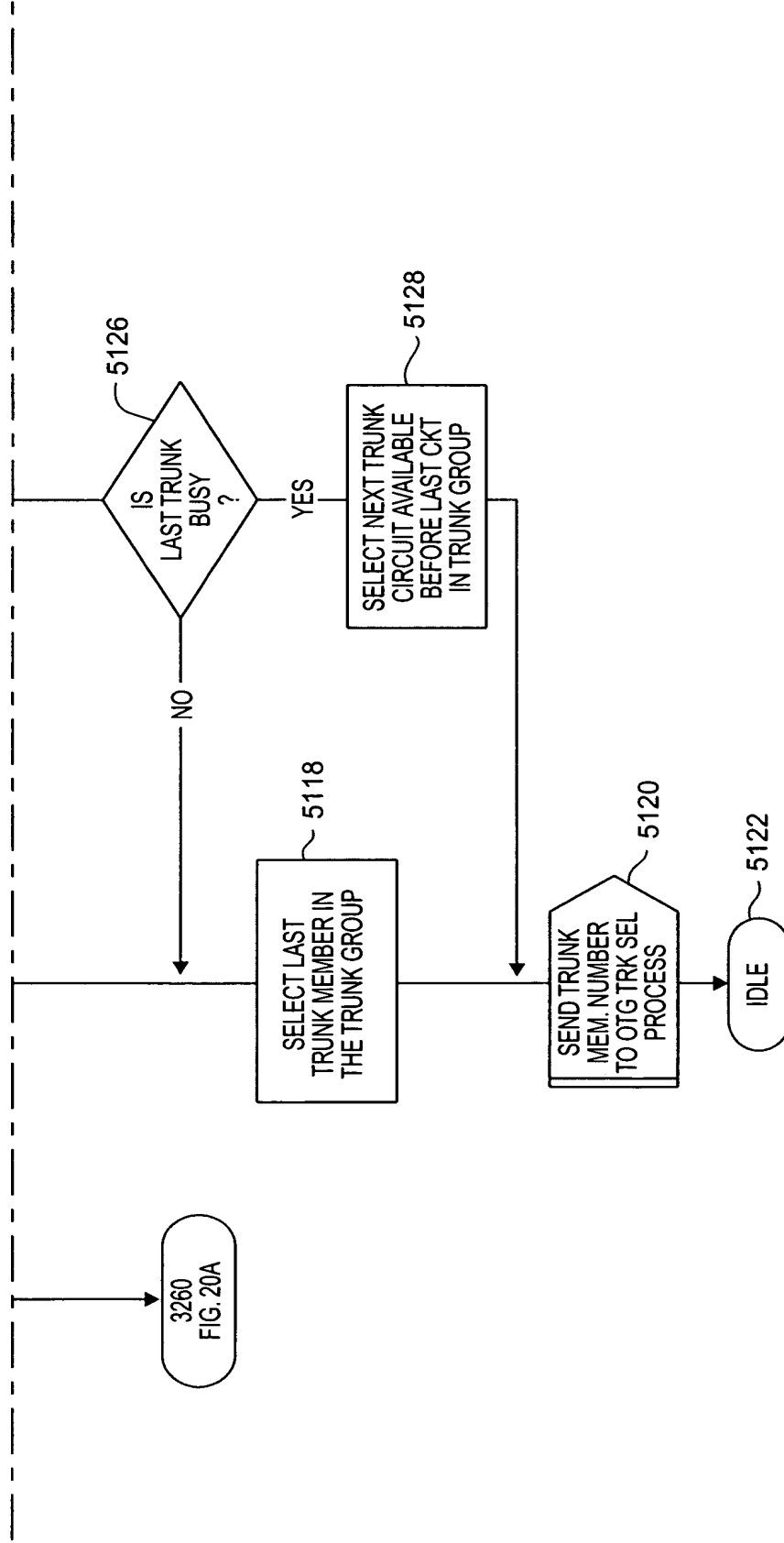
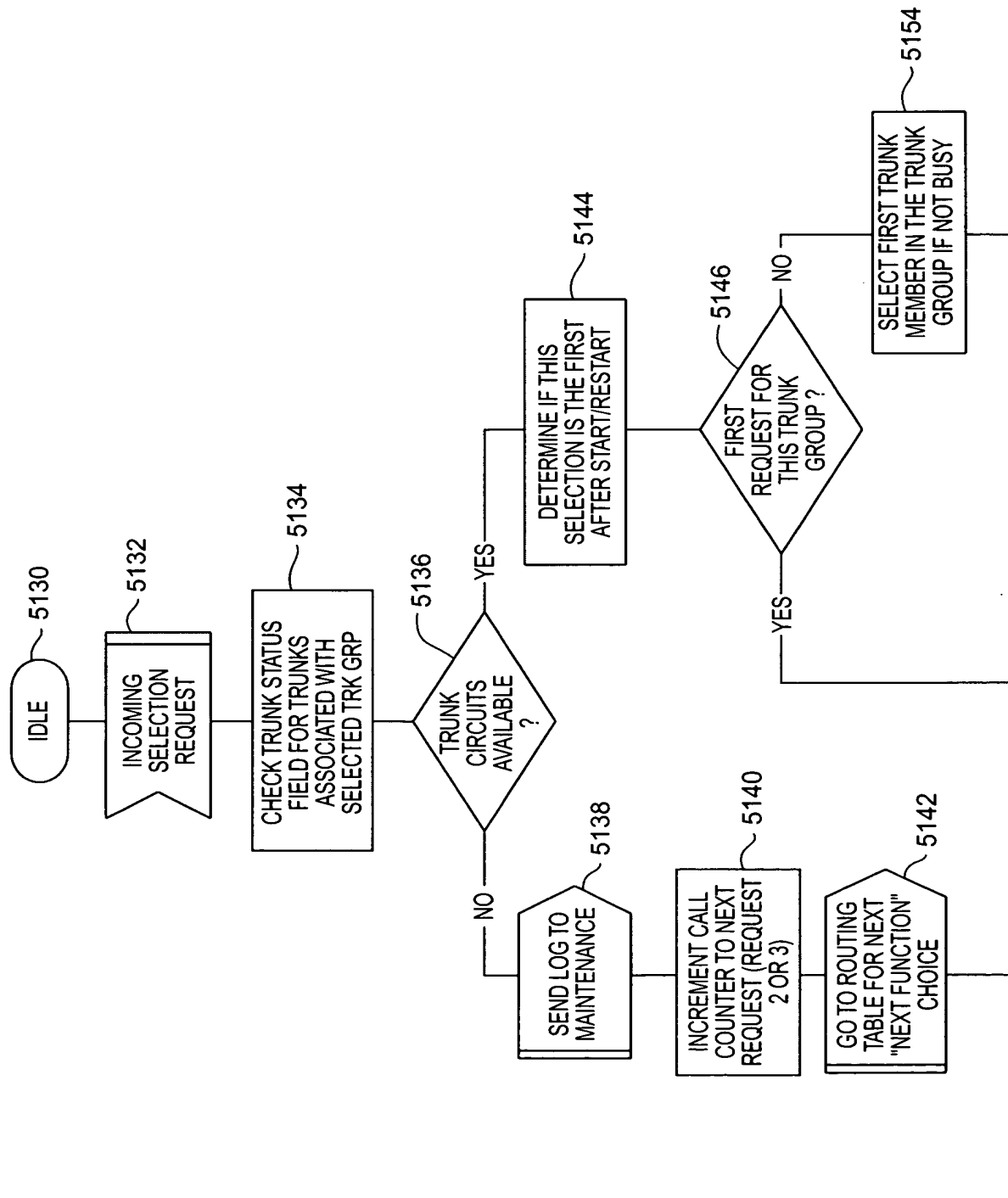


FIG. 30F



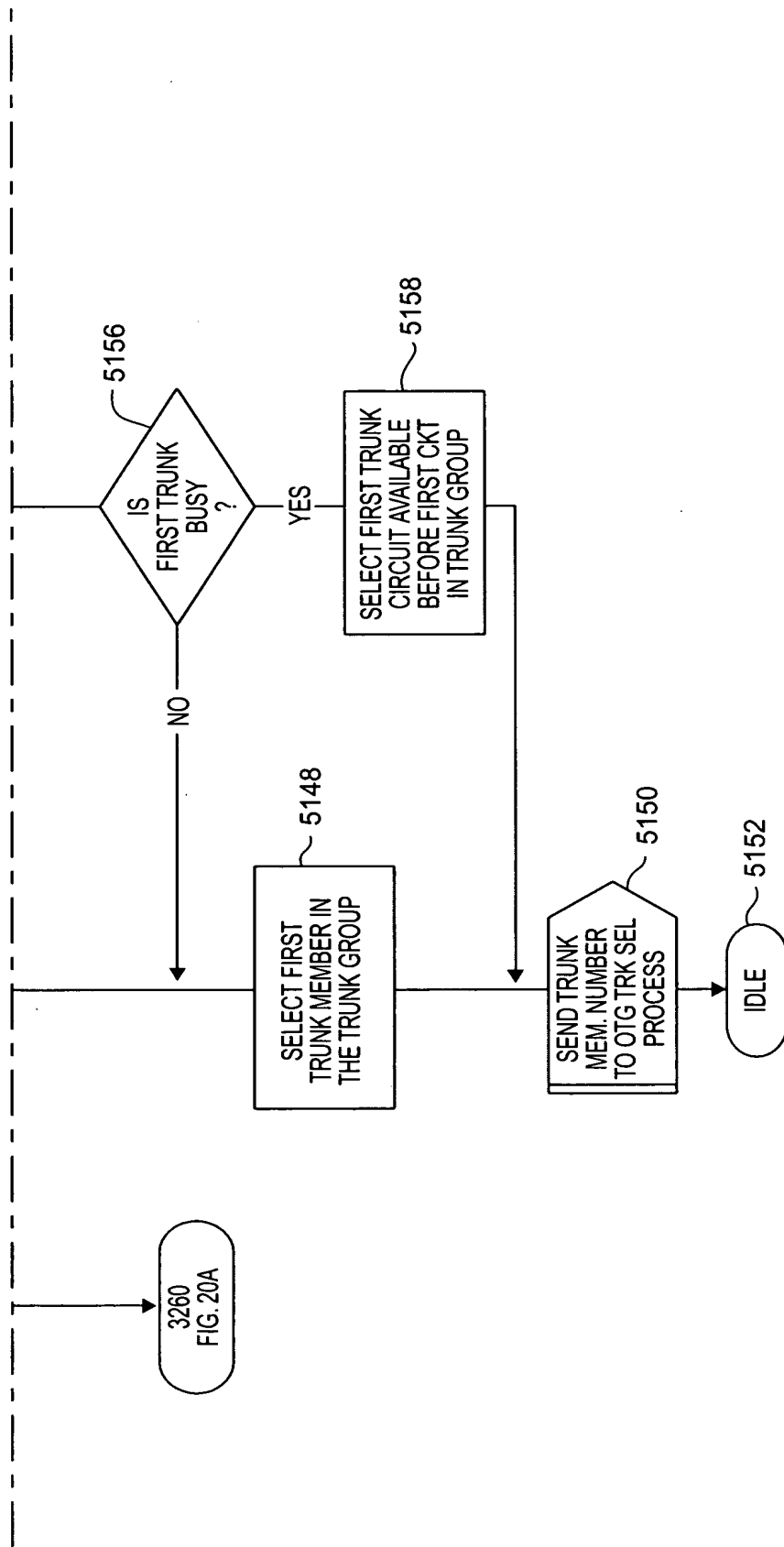
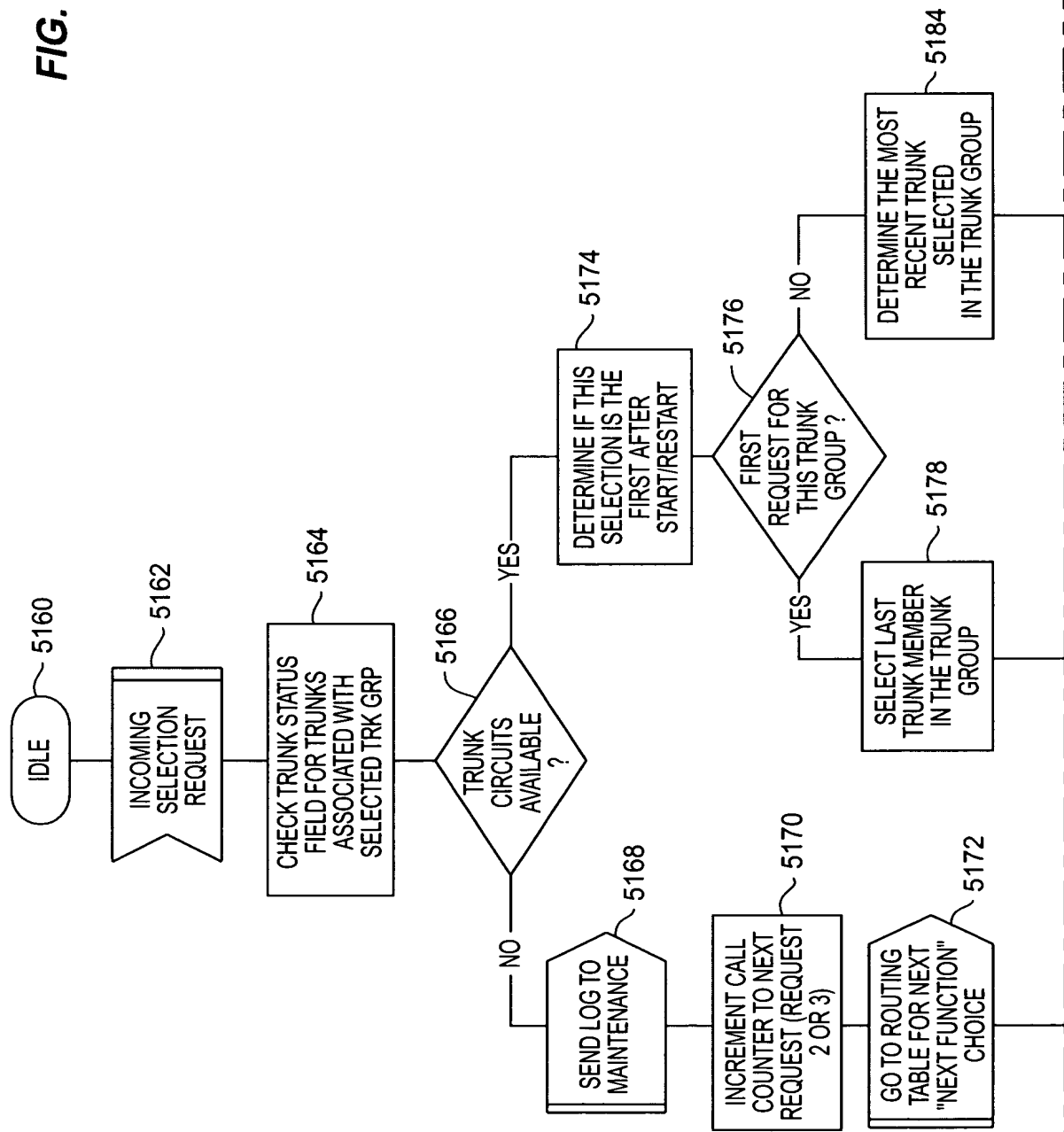


FIG. 30H

FIG. 30 I





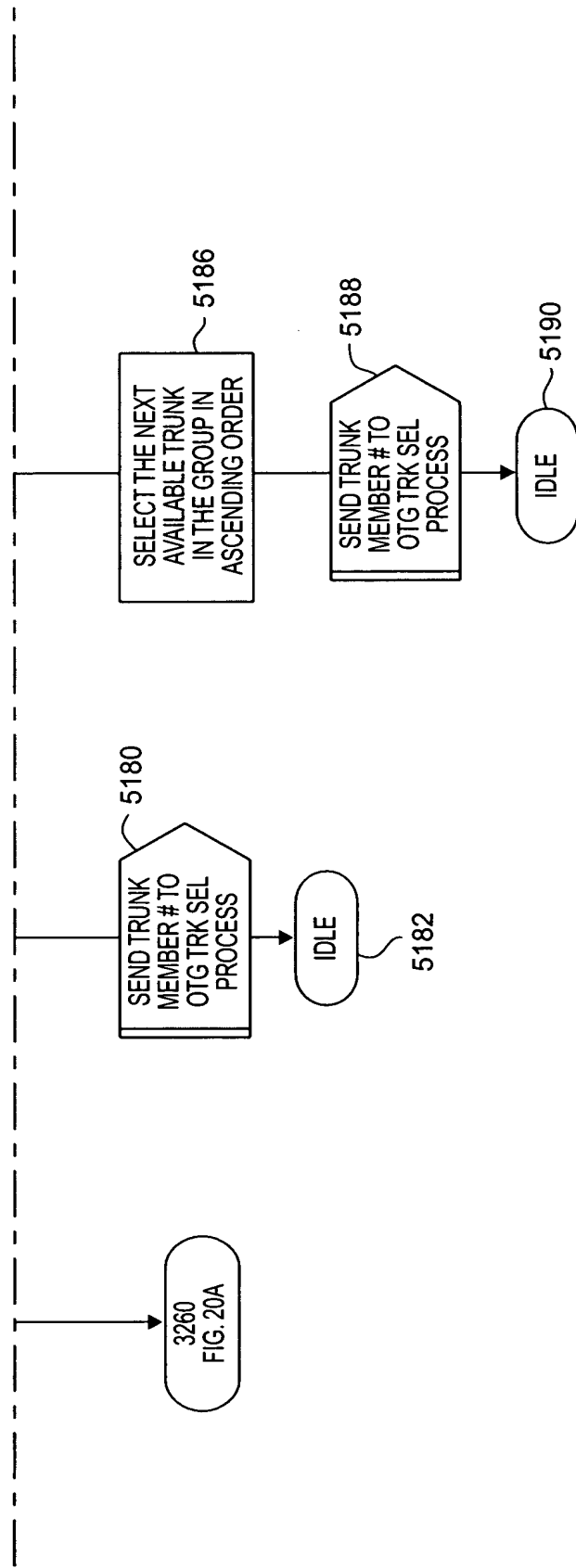


FIG. 30J

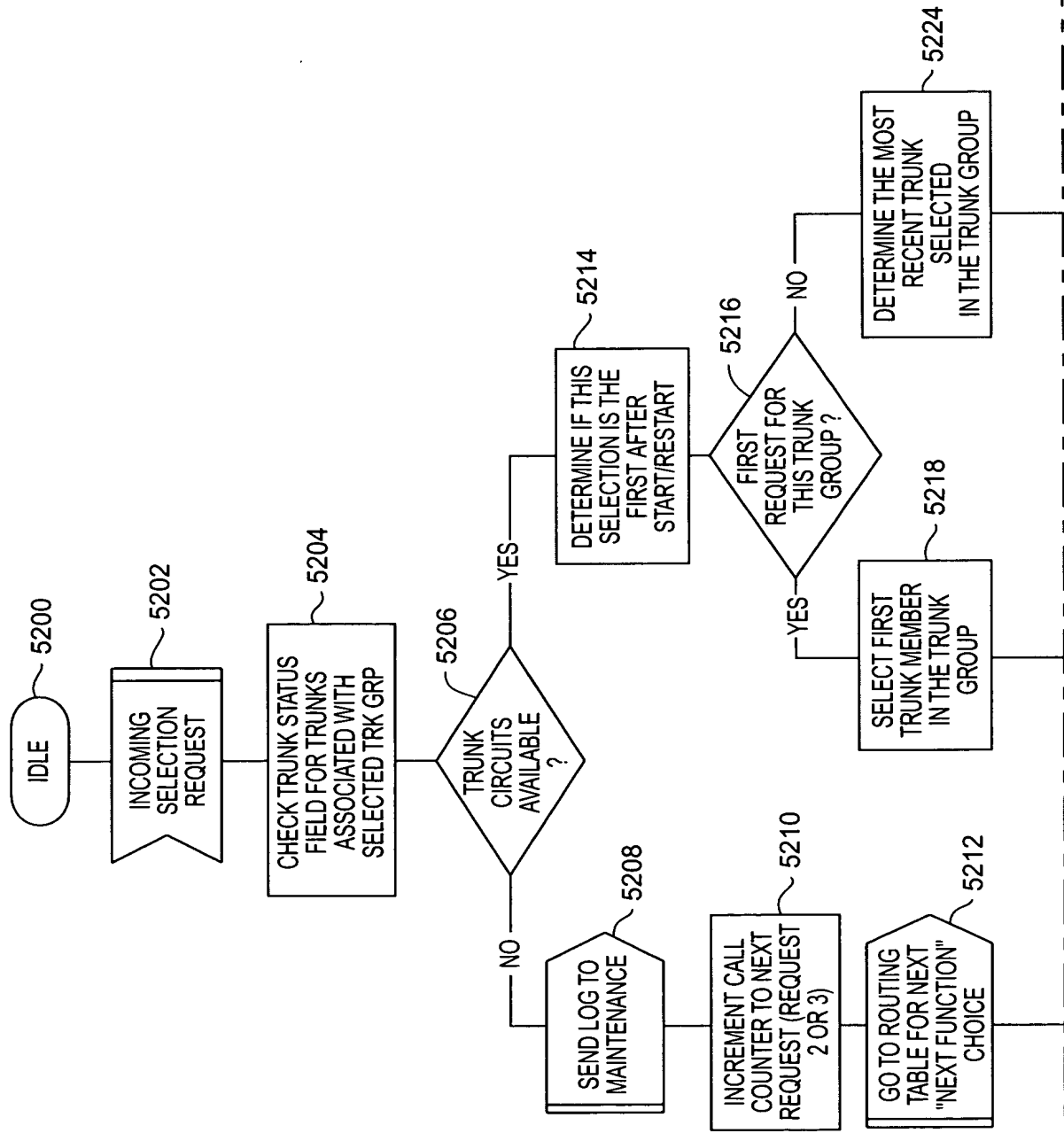


FIG. 30K

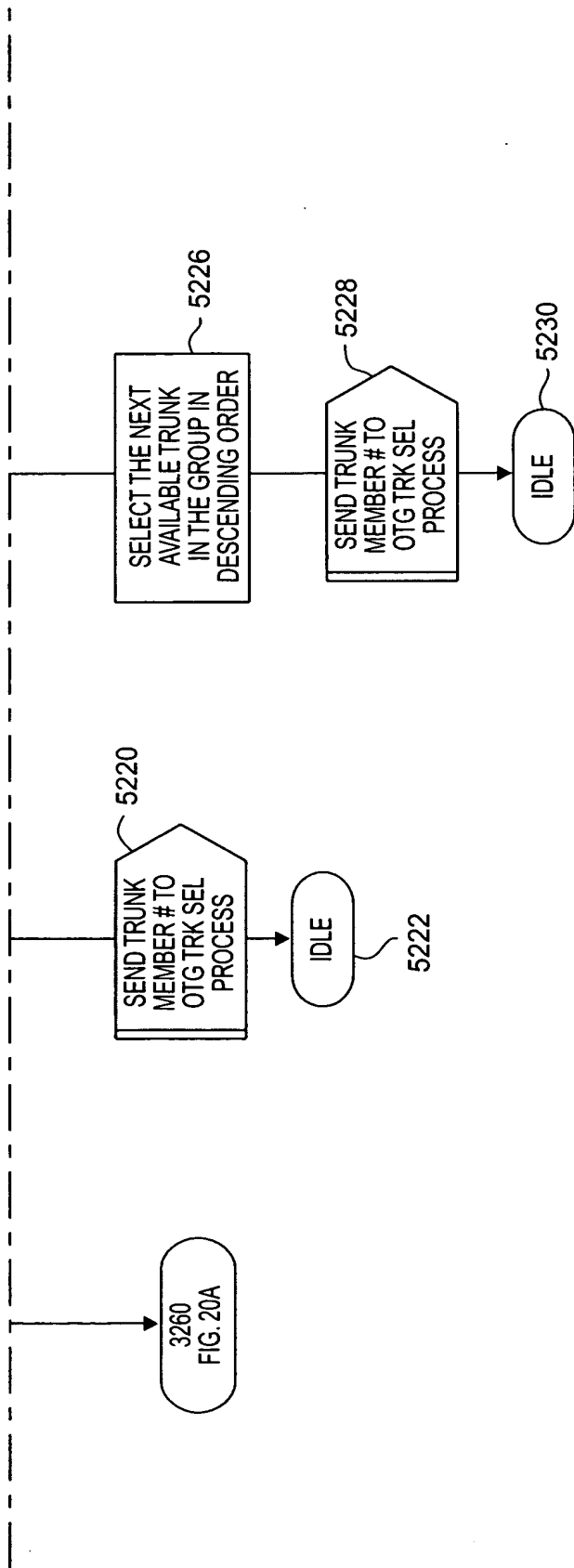
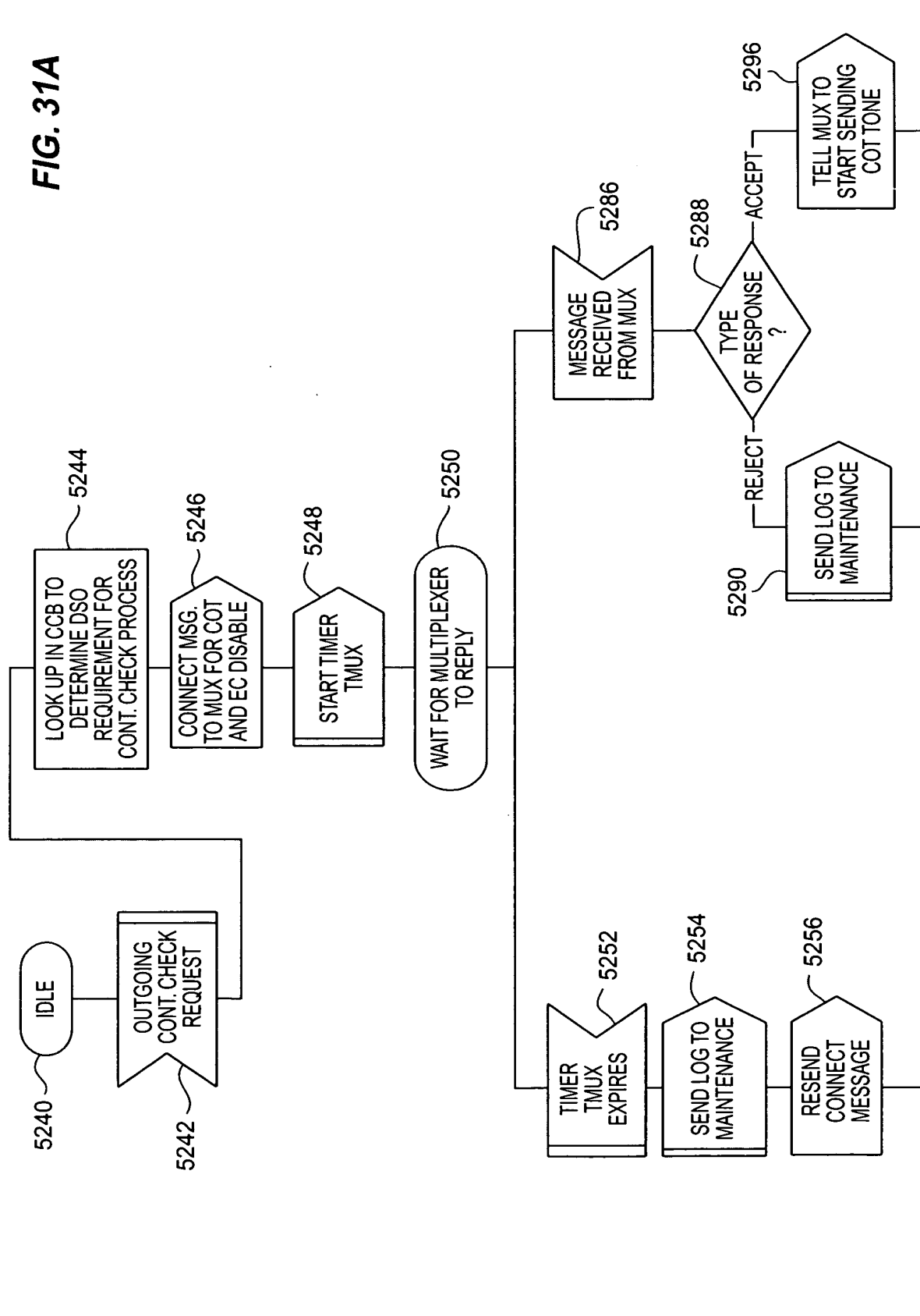


FIG. 30L

FIG. 31A



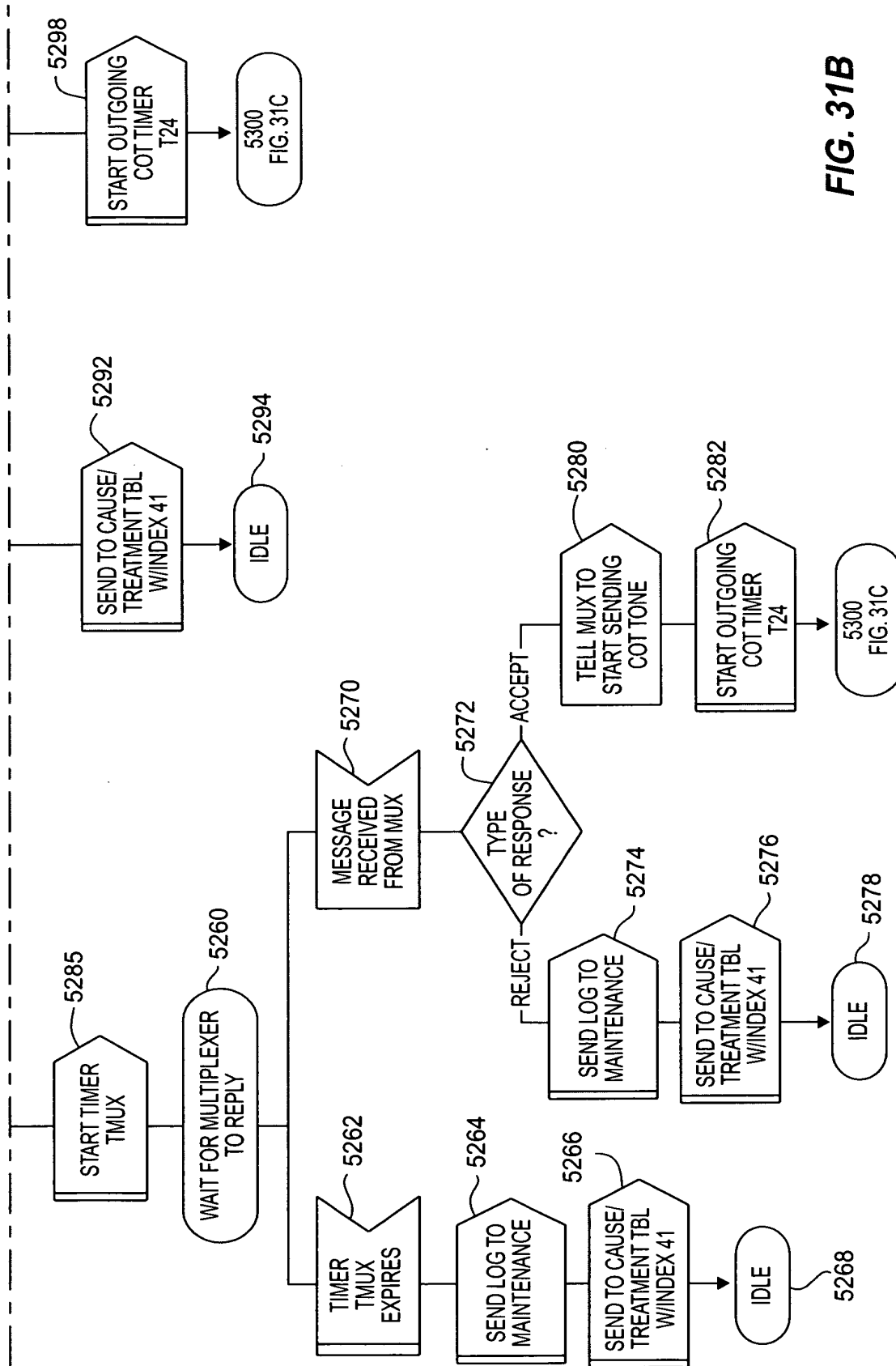
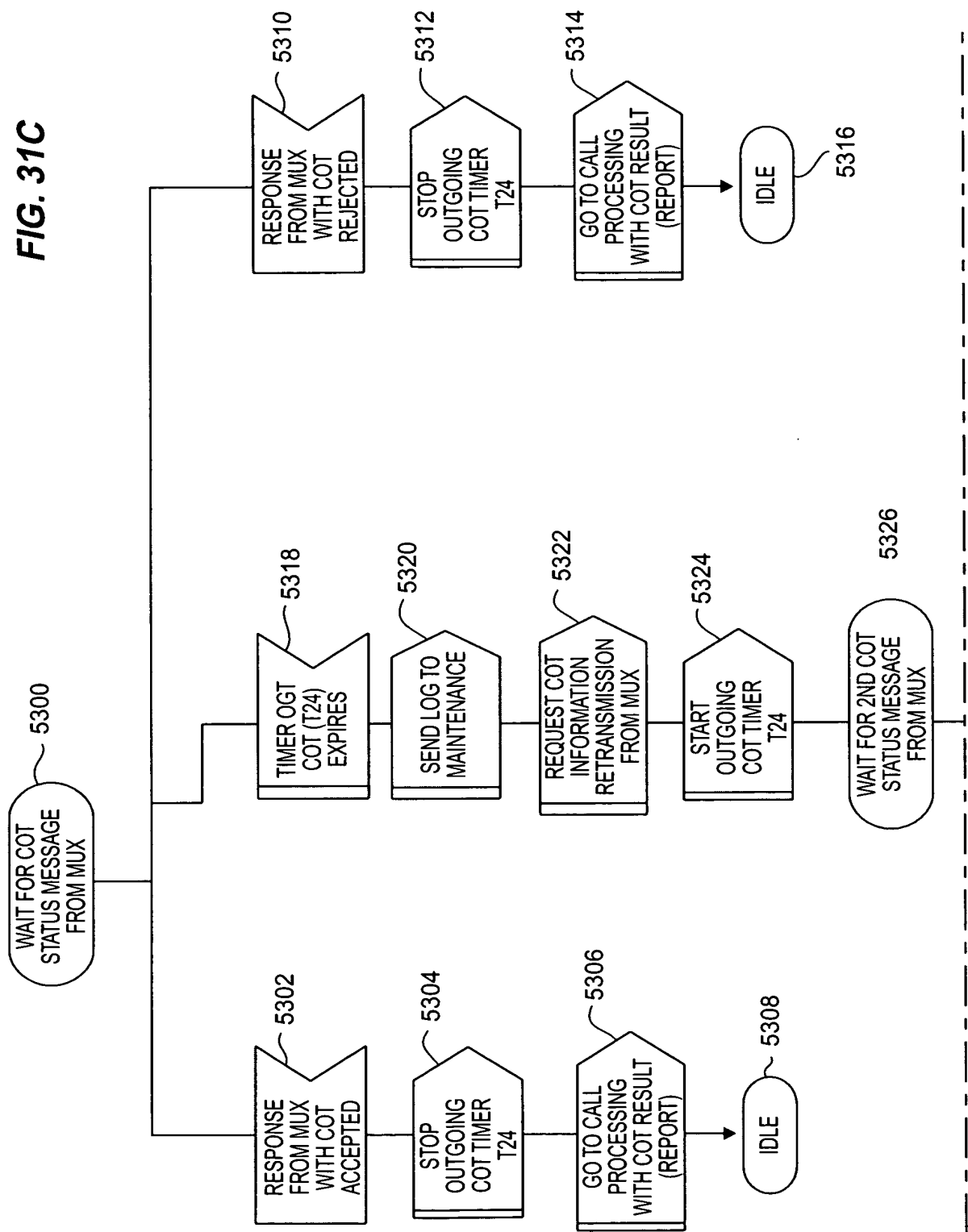


FIG. 31B

FIG. 31C



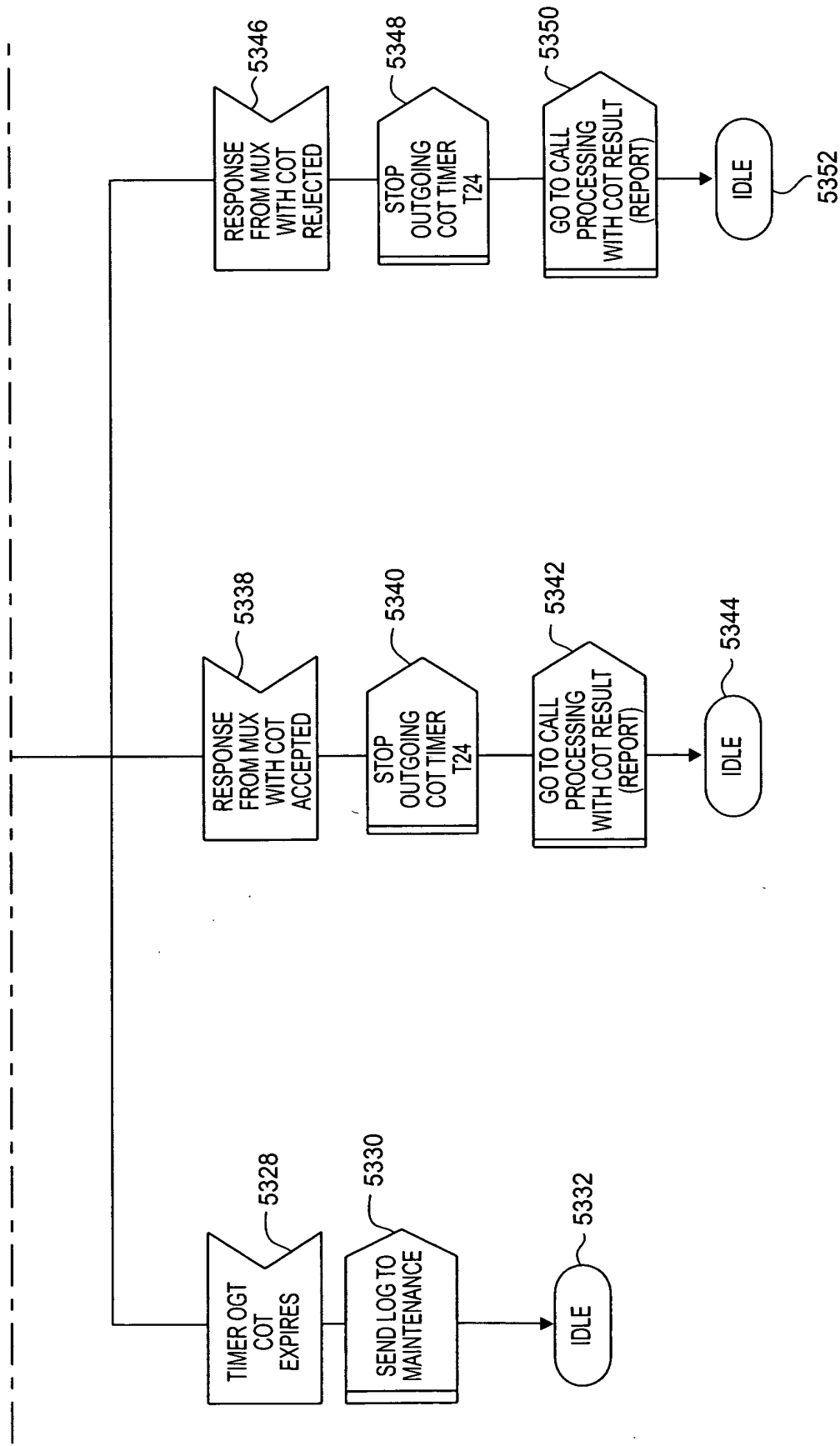
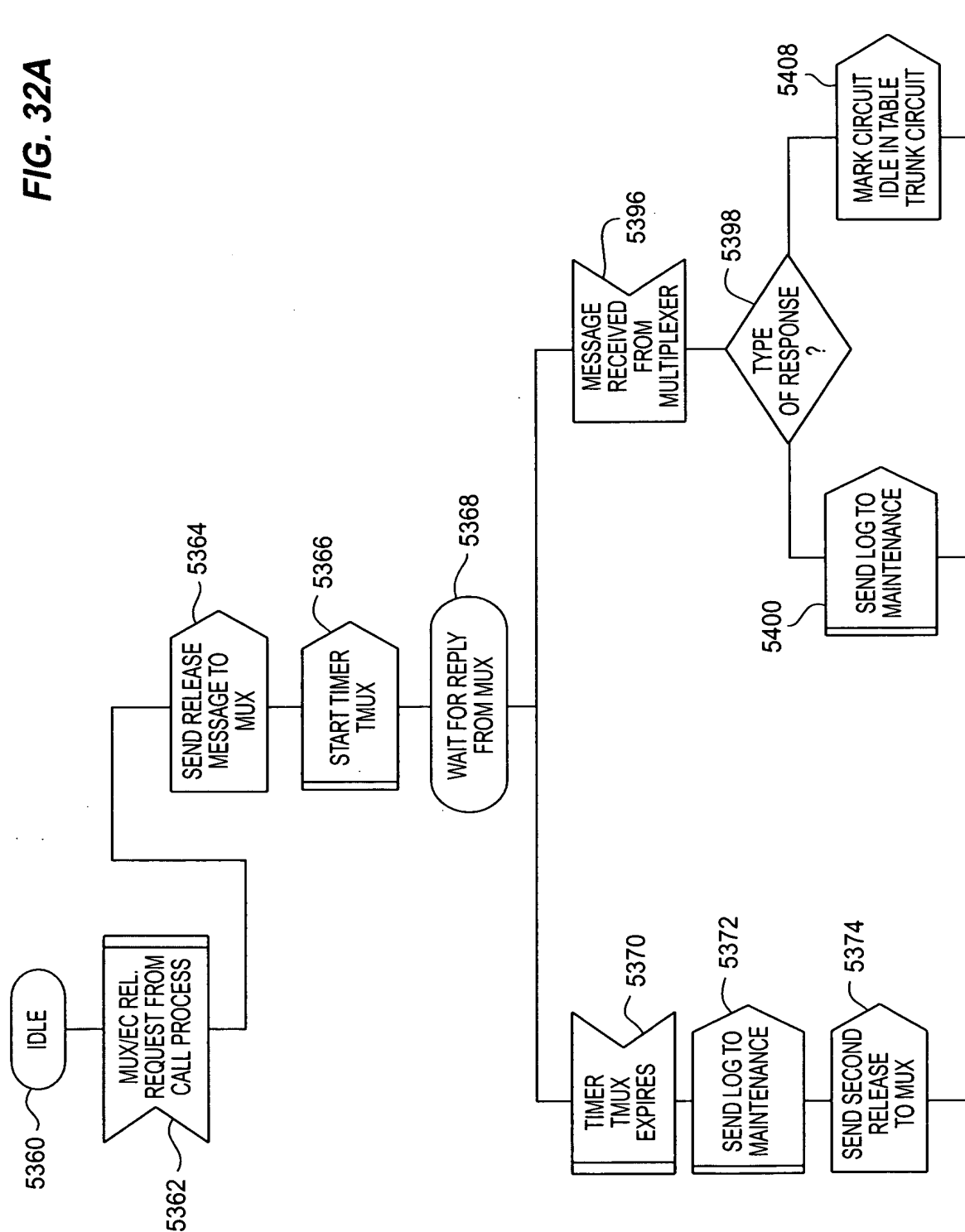


FIG. 31D

FIG. 32A





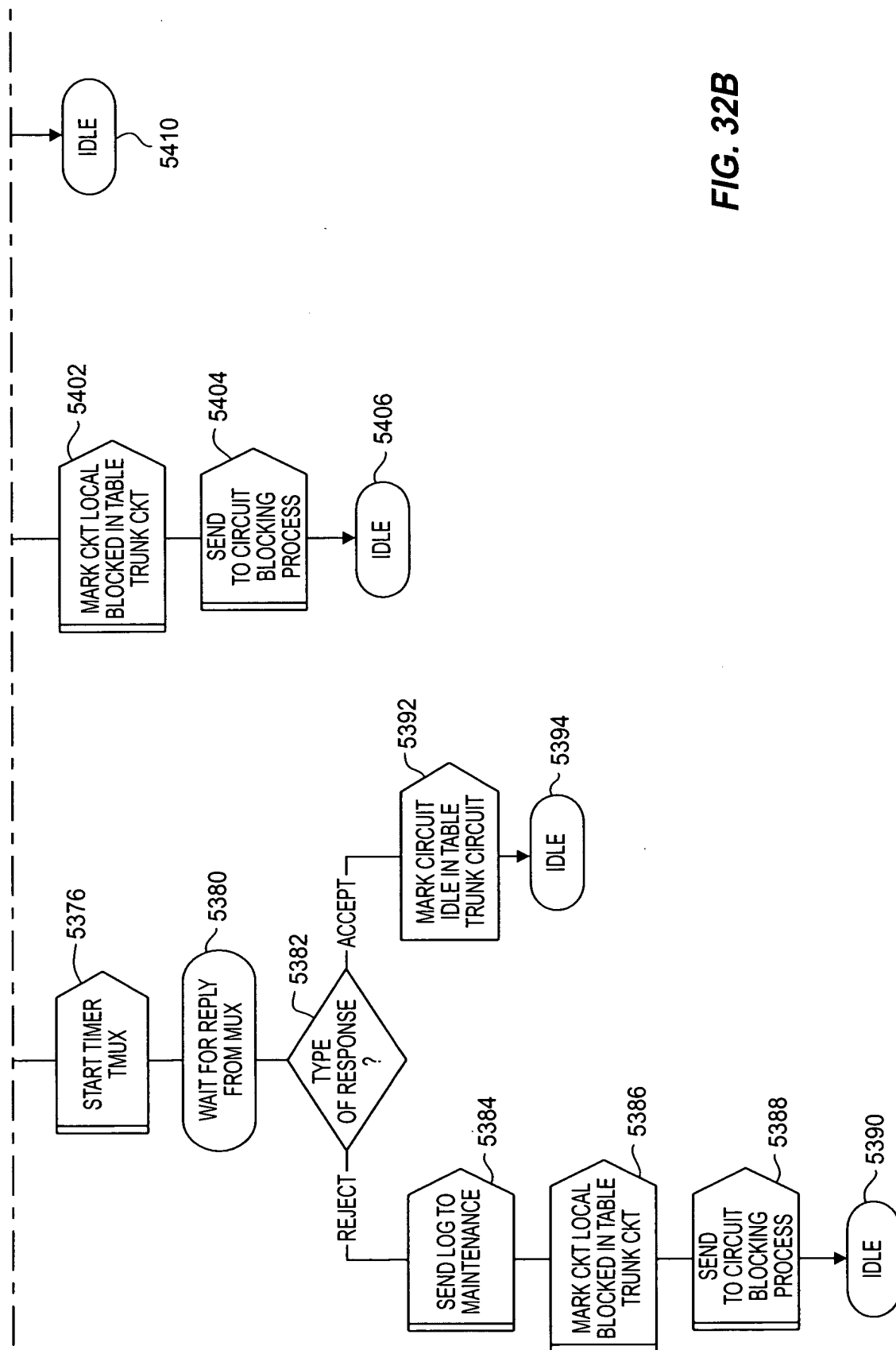


FIG. 32B